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BECKERT'S SEED STORE
N.S. PITTSBURGH, PA.
SEEDS
VEGETABLE
FLOWER
BULBS

The Original Beckert's

Established Since 1877
49th SEED ANNUAL
1926

D. N. Shoemaker
FEB 24 1926

Prompt and Efficient Service by Mail and Express

IT IS more convenient for many of our customers to order their seeds and bulbs by mail than to call at our store. For those customers, this catalogue is specially written and mailed, free, to all who have favored us with their orders during the past year and to any others who are interested in gardening and ask for it.

Whether you call at our store for your seeds and garden supplies or order them by mail, we can assure you of the same prompt and courteous attention and the same helpful interest in your garden success. We make it our business to fill every mail order, large or small, successively as received: throughout the year we maintain a strictly "Up-to-the-minute service." "Quick mails make near neighbors of us all."

It is our desire to serve you well. We have tried to make this catalogue a thoroughly reliable guide to garden success. The varieties which we handle are carefully selected and accurately described. If you are in need of further information, do not hesitate to write us; the knowledge we have gained in 49 years of seed-growing is at your command. If you are in doubt as to what varieties to use, you can leave it to us to select those best adapted for your purposes.

Please help us to fill and ship your orders accurately and with all possible dispatch by noting carefully the following instructions:

Send Us Your Order as Early as Possible.

Use the Enclosed Order Sheet, listing your requirements consecutively in the order in which they appear in the catalogue. Always keep a copy.

Write Your Name and Address Distinctly on every order you send us. Give your Name, Post Office, County and State, also Street or Box Number.

Send Your Remittances by Post Office or Express Money Order, Registered Letter or Draft. For small amounts stamps are acceptable.

Correspondence should not be intermingled with the body of the order, but should be written on a separate sheet.

Give Complete Shipping Instructions on every order. If you are not sure which method of shipment will be best or cheapest you can safely leave that to us. Seeds, bulbs, and plants are now entitled to special express rates, which are considerably lower than on general merchandise. Consequently, we advise shipment by parcel post or express in all cases where quick delivery is desired and the order is not too bulky. See table of Parcel-Post Rates below.

Substitutions and Adjustments. Late in the season some stock may be exhausted, so it is advisable, if you do not order early, to name substitutes, or instruct us to use our judgment in filling your order if, by chance, certain varieties which you desire should be sold out. We never substitute unless instructed to do so.

When a remittance is not sufficient to pay for the goods ordered, we will send the quantities for which the remittance pays.

With regard to errors, we take every possible precaution to avoid their occurrence. Notify us at once if your order is not properly filled and we will make the necessary adjustment.

Postpaid. We will send postpaid all vegetable and flower seed in packets, ounces, and pounds. For larger quantities postage must be included in remittance.

About Warranties and Guarantees. Because of our inability to control Nature's forces, we cannot guarantee *crops* from our seeds and bulbs. No *honest* seedsman can or does. We take all precautions, *every* precaution, to see that our seeds are right. They are tested as to vitality and purity; they come from the foremost seed-growing specialists; they are handled by experienced men and put up in the most careful manner; represent full value for money received. Beyond that we cannot go, so, in common with all responsible houses, *we do not warrant in any way, expressed or implied, the contents or description, quality, productiveness, or any other matter of any seeds, bulbs, or plants sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, he should return them at once and money will be refunded. We make all sales subject to the above conditions.*

POULTRY OWNERS

The sign of success always hangs over the poultry yard using Basic Feeds.

These feeds have a definite, tangible effect on health, growth and egg production.

The Basic Ration constitutes an assurance of success with poultry.

The best time to start their use is NOW.

Write for booklet on

FEED FUNDAMENTALS

A Common Sense Discussion and Solution of Poultry Problems

Parcel-Post Rates

Parcels of seeds and bulbs weighing less than 8 ounces must pay postage to all zones at the rate of 1 cent for each 2 ounces; in excess of 8 ounces at pound rates.

Parcels of general merchandise weighing 8 ounces or less must pay postage to all zones at the rate of 1½ cents for 2 ounces; in excess of 8 ounces at pound rates.

	First pound or fraction	Each additional pound or fraction	Limit of weight
Local rate. Pittsburgh and R. F. D. Routes Nos. 1, 2, 3, 4, 5	$0 07	$0 01	70 lbs.
1st zone. Within 50 miles of Pittsburgh	07	01	70 lbs.
2d zone. Over 50 and under 150 miles from Pittsburgh.	07	01	70 lbs.
3d zone. Over 150 " " 300 " " "	08	02	50 lbs.
4th zone. Over 300 " " 600 " " "	09	04	50 lbs.
5th zone. Over 600 " " 1,000 " " "	10	06	50 lbs.
6th zone. Over 1,000 " " 1,400 " " "	11	08	50 lbs.
7th zone. Over 1,400 " " 1,800 " " "	13	10	50 lbs.
8th zone. Over 1,800 miles from Pittsburgh	14	12	50 lbs.

All goods sent by parcel post are at purchaser's risk, unless insured. Insurance is 5 cents for $5 or less, 8 cents for $5 to $25, 10 cents for $25 to $50. This insures delivery only, but not damage to package.

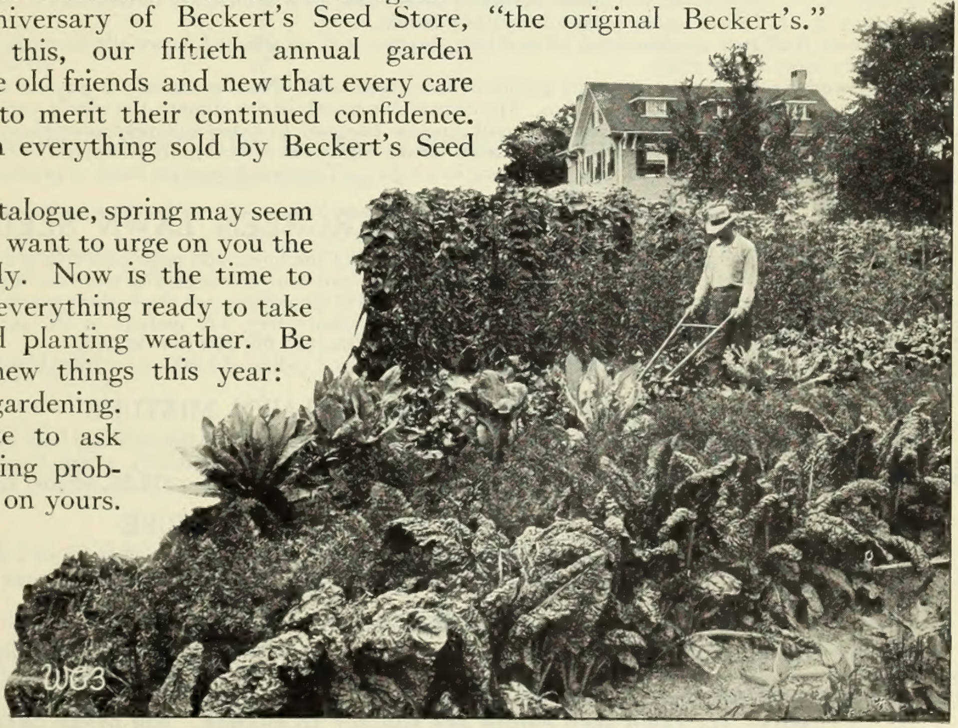
"The Most Wonderful Thing in the World"

NOT so very long ago, one of our friends said to us, "You know, sowing seeds and watching them grow has never ceased from my childhood days to awe and fascinate me. The fact that a Zinnia seed, for example, always produces a Zinnia plant, is to me the most wonderful thing in the world. Of course, I know from experience with your seeds that they will come up 'according to specifications' and reason tells me 'like produces like;' nevertheless, the wonder remains."

Confidence that when you sow Radish seed of a particular kind from Beckert's Seed Store, it will produce Radishes of that very kind, is our most precious asset. No seedsmen can exist and do business in one place for nearly half a century, gaining the confidence of an ever-widening circle of customers, without having deserved that confidence to an unusual degree.

This is the fiftieth anniversary of Beckert's Seed Store, "the original Beckert's." In presenting you with this, our fiftieth annual garden catalogue, we want to assure old friends and new that every care and effort has been taken to merit their continued confidence. You can always depend on everything sold by Beckert's Seed Store.

When you receive this catalogue, spring may seem far away, but once again we want to urge on you the importance of ordering early. Now is the time to plan your garden and have everything ready to take advantage of the first good planting weather. Be sure to try some of the new things this year: that's half the fun in gardening. And, finally, don't hesitate to ask our advice on your gardening problems. Our success depends on yours.

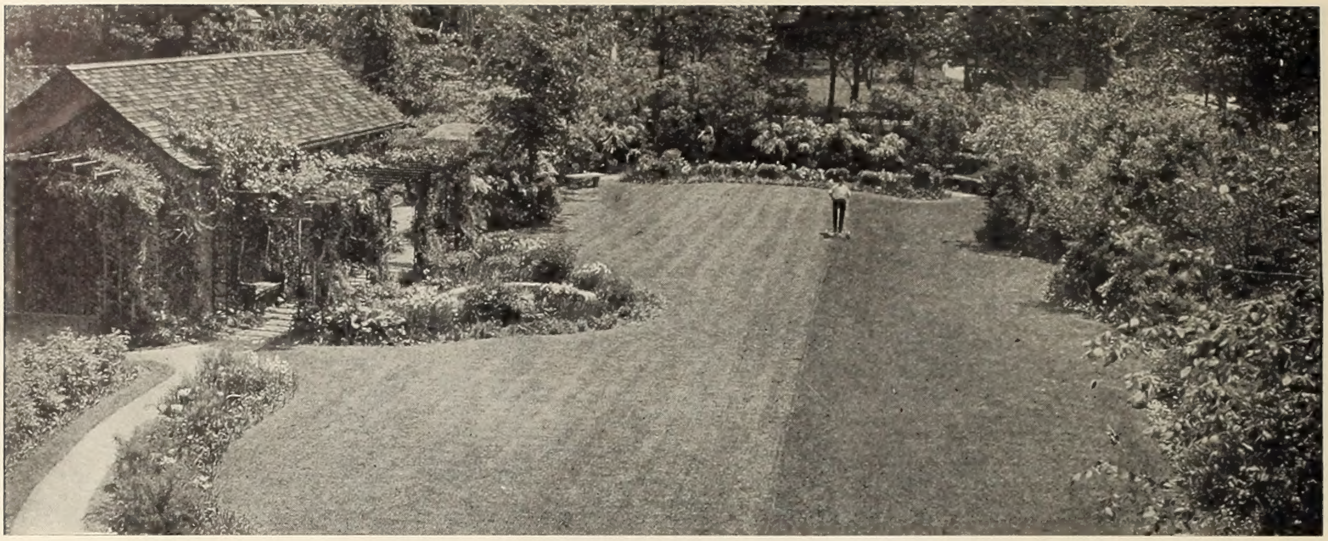


Beckert's Seed Store

101-103 Federal St., North Side
PITTSBURGH, PA.

Bell Phone
Fairfax 4210

We have no Branch Stores



YOUR LAWN—SOME PRACTICAL ADVICE

The best two times to start a lawn or pasture are early spring and early autumn—the seasons of abundant moisture, warm days, and cool nights. Spring sowings should be made as soon as the ground can be prepared to receive the seed, while fall sowings should be made during September.

Good Soil and Proper Drainage are absolutely necessary to produce a fine lawn. For best results, there should be no less than a foot of good surface soil—preferably a heavy loam. Where it is necessary to grade the surface, all subsoil should be removed and replaced with good earth. Unless the soil is sufficiently rich, the use of fertilizer is important. Apply sheep manure, or some other concentrated, weedless soil-builder, and rake it well into the surface soil. (See page 73) A heavy application of manure is particularly advisable on light or sandy soils where, otherwise, the grass is liable to burn out in hot, dry weather.

Prepare the Seed-Bed Thoroughly. Rake or harrow the surface fine and even. After sowing the seed, rake again lightly and firm the soil with a lawn roller. Do not attempt to dig, rake, or roll a lawn when the ground is wet. **On Banks and Terraces,** where the seed is liable to be washed off by rains before it has sprouted, a quick catch can be secured by mixing the seed with moist earth about one week before sowing; then, at the expiration of that time, when the seed (with the earth) is sown, much of it is ready to sprout.

The First Cutting should not be made until the young grass is 3 to 4 inches high and even then it should not be cut too short as close cropping is injurious to a new lawn. Mow the lawn, thereafter, at intervals of about ten days and rake off the clippings. Grass sown during September will, under favorable conditions, grow sufficiently to necessitate one cutting before frost, in which case the clippings should be left on the lawn to serve as a mulch.

Frequent Rollings are beneficial after a lawn is once well established, especially in early spring after the winter frosts have drawn up the roots of the grass.

Sow Good Seed. There are many grades of lawn seed sold. Needless to say, it pays to use nothing but the best obtainable. No one kind of grass will make a good lawn. The changeable moods of our climate, the widely varying conditions of soil and moisture-supply require a combination of many different grasses adapted to many different conditions. The subject of lawns has been a long and thorough study with us. **Beckert's Lawn Grass Mixtures** are carefully composed of the finest domestic and imported turf grasses, free from chaff and weed seeds, and strong in vitality. You can depend on them to produce lasting lawns of the finest texture and most attractive appearance.

BECKERT'S EVERGREEN LAWN SEED

We offer in our Evergreen Mixture a well-balanced blend of the finest and most enduring grasses we know—the result of years of study and trial. It is our masterpiece. Tested and proved, we can recommend it with the highest confidence for permanent and satisfactory results under even the most trying conditions. Its ingredients are the highest grade of recleaned seeds only. This lawn seed is now sold only by weight. Use one pound to 350 square feet, 125 pounds to the acre. **Package 30 cts., lb. 60 cts., 2 lbs. $1.10, 5 lbs. $2.50, 10 lbs. $4.85, 25 lbs. $11.50, 50 lbs. $22.00, 100 lbs. $42.00.**

(Parcel post or express prepaid in the United States within a radius of 1,500 miles from Pittsburgh.)

SHADY-NOOK LAWN MIXTURE

A mixture of grasses particularly adapted for sowing in shady places where the ordinary lawn grasses do not thrive. It will produce a bright, green lawn under trees and in the shade of buildings and shrubbery where bare, unsightly spots so often appear. **Package 35 cts., lb. 65 cts., 2 lbs. $1.20, 5 lbs. $2.75, 10 lbs. $5.25, 25 lbs. $12.50, 50 lbs. $23.50, 100 lbs. $45.00.**

PUTTING-GREEN MIXTURE

The finest, hardy, low-growing grasses are contained in this mixture, which will produce a close and lasting putting-green turf. **Lb. 90 cts., 5 lbs. $4.25, 10 lbs. $8.00, 25 lbs. $19.25, 50 lbs. $36.75, 100 lbs. $70.00, postage extra.** (Prices subject to change.)

FAIR-GREEN MIXTURE

The best selection of grasses for an even, tough, permanent turf. Gives general satisfaction but, where a lot of seeding is to be done, we prefer to supply a special formula, according to the particular requirements of the soil. **Lb. 50 cts., 5 lbs. $2.25, 10 lbs. $4.25, 25 lbs. $10.00, 50 lbs. $19.00, 100 lbs. $36.00, postage extra.**

NOTE: ALL LAWN SEED PRICES ARE SUBJECT TO CHANGE. FOR OTHER GRASSES, SEE PAGE 38

Beckert's Special Collection of Vegetable and Flower Seeds

BECKERT'S NEWLYWEDS COLLECTION OF VEGETABLE SEED. $1.00

COLLECTION No. 1

1 pkt.	Beans, Stringless Green-Pod	$0 10	1 pkt.	Lettuce, Big Boston	$0 10
1 pkt.	Beans, Yellow-Pod	10	1 pkt.	Lettuce, Iceberg	10
1 pkt.	Beans, Dwarf Bush Lima	15	1 pkt.	Muskmelon, Extra-Early Knight	10
1 pkt.	Beets, Detroit Blood Turnip	10	1 pkt.	Onions, Yellow Globe	20
1 pkt.	Carrots—Your choice	10	1 pkt.	Parsley, Dwarf Extra Curled	10
1 pkt.	Corn, Golden Bantam	15	1 pkt.	Parsnips, Hollow-Crown	10
1 pkt.	Corn, Stowell's Evergreen	10	1 pkt.	Radish, Improved Chartier	10
1 pkt.	Cucumbers, Davis Perfect	10			$1 70

BECKERT'S FAMILY COLLECTION OF VEGETABLE SEED. $2.75

COLLECTION No. 2

½ lb.	Beans, Stringless Green-Pod	$0 25	1 oz.	Muskmelon, Extra-Early Knight	$0 15
½ lb.	Beans, Wardwell's Kidney Wax	25	1 oz.	Onions, Yellow Globe	75
½ lb.	Beans, Fordhook Bush Lima	30	1 oz.	Parsnips, Hollow-Crown	15
1 oz.	Beets, Detroit Blood Turnip	15	½ lb.	Peas, Early Telephone	25
1 oz.	Carrots—Your choice	15	1 oz.	Radish, Beckert's Improved Chartier	15
½ lb.	Corn, Golden Bantam	25	1 oz.	Radish, Icicle	15
½ lb.	Corn, Stowell's Evergreen	25	1 oz.	Spinach, King of Denmark	10
1 oz.	Cucumbers, Davis Perfect	20	1 oz.	Squash—Your choice	15
1 oz.	Lettuce, Big Boston	20	1 oz.	Swiss Chard, Lucullus	15
1 oz.	Lettuce, Iceberg	25			$4 25

BECKERT'S OLD-FASHIONED FLOWER-GARDEN COLLECTION. $1.50

COLLECTION No. 3

1 pkt.	Alyssum, Little Gem	$0 10	1 pkt.	Marigold, Dwarf, Mixed	$0 05
1 pkt.	Asters, Queen of the Market, Mixed	10	1 pkt.	Mignonette, Giant, Mixed	10
1 pkt.	Asters, American Late Branching, Mixed	10	1 pkt.	Morning-Glory, Mixed	10
1 pkt.	Calendula, Double, Mixed	10	1 pkt.	Nasturtium, Beckert's Superb, Mixed, Tall	10
1 pkt.	Candytuft, Mixed	10	1 pkt.	Nasturtium, Beckert's Superb, Mixed, Dwarf	10
1 pkt.	Carnation, Mixed	10	1 pkt.	Petunia, Fine Mixed	10
1 pkt.	Cosmos, Mammoth Early-flowering	10	1 pkt.	Phlox, Fine Mixed	10
1 pkt.	Cosmos, Giant Late-flowering	10	1 pkt.	Pinks, Old-fashioned	10
1 pkt.	Daisy, English	10	1 pkt.	Poppy, Single-flowered, Mixed	10
1 pkt.	Four o'Clocks	05	1 pkt.	Sweet William, Double, Mixed	10
1 pkt.	Heliotrope, Lemoine's Giant Hybrids	20	1 pkt.	Zinnia, Beckert's Double Giants	10
1 pkt.	Hollyhocks, Mammoth, Mixed	10			
1 pkt.	Larkspur, Mixed	10			$2 40

BECKERT'S COLLECTION OF THE LATEST FLOWER NOVELTIES. $4.00

COLLECTION No. 4

1 pkt.	Antirrhinum, Beckert's New Mammoth—Your choice	$0 20	1 pkt.	Petunia, Balcony, Pride of Portland	$0 35
			1 pkt.	Petunia, Dwarf Compact, Norma	10
1 pkt.	Aquilegia, Mrs. Scott Elliott's Hybrids	25	1 pkt.	Poppy, California, Orange Flame	20
1 pkt.	Aster, New California Giants—Your choice	20	1 pkt.	Salpiglossis, Emperor. Velvety violet	10
1 pkt.	Aster, New Fancy Yellow	25	1 pkt.	Salvia splendens. Purple	25
1 pkt.	Aster, Heart of France	25	1 pkt.	Statice, White, Rose or True Blue	10
1 pkt.	Calendula, Ball's Orange	50	1 pkt.	Stock, Giant Winter-flowering, Souv. de Monaco	15
1 pkt.	Celosia (Chinese Woolflower), Yellow	15	1 pkt.	Sweet Pea, Crimson King	15
1 pkt.	Celosia (Chinese Woolflower), Scarlet	15	1 pkt.	Sweet Pea, Defiance	25
1 pkt.	Centaurea imperialis, Amaranth-Red	10	1 pkt.	Sweet Pea, Mary Pickford	25
1 pkt.	Clarkia elegans, Apple Blossom	10	1 pkt.	Zinnia, Dahlia-flowered, Lemon Beauty	25
1 pkt.	Clarkia elegans, Purple Prince	10	1 pkt.	Zinnia Haageana, Mexican Hybrids	25
1 pkt.	Cosmos, New Early Double Giants	20	1 pkt.	Zinnia, Double, Giant Lavender	10
1 pkt.	Petunia hybrida nana, Rose of Heaven	20			$5 15

BECKERT'S COLLECTION OF EASILY GROWN ANNUALS

COLLECTION No. 5

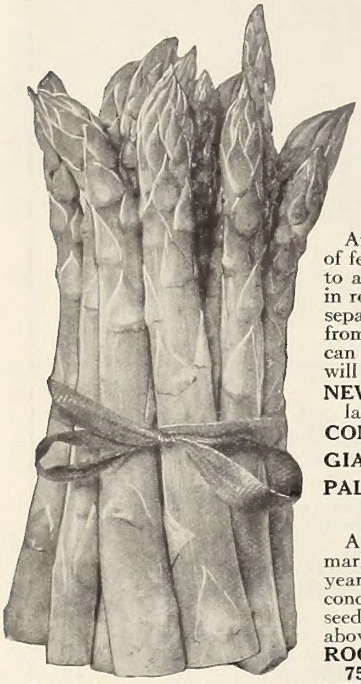
These collections consist of the best and easiest grown kinds, and are sure to give satisfaction.

Summer-Flowering Annuals, 12 ten-cent varieties, our selection	$1 00
Summer-Flowering Annuals, 25 ten-cent varieties, our selection	2 00
Old-fashioned Annuals, 12 ten-cent varieties, our selection	1 00
Everlastings, six best double-flowering sorts	50

BECKERT'S RELIABLE VEGETABLE SEEDS

Those who have planted Beckert's Vegetable Seeds need no introduction to their quality. For nearly fifty years they have given satisfaction to a host of planters, both amateur and professional. They have been always dependable, always of strong vitality, always true to name, representing the very highest bred strains that experts in many lands could produce. To our old friends, therefore, we need only say that Beckert's Seeds for 1926 measure up in every way to the standard of past years.

In our Vegetable Seed Department we offer nearly every variety that is desirable or of known value, together with all of the more important recent introductions. We do not offer "novelties" until we have thoroughly tested them and are satisfied that they are possessed of real merit. Our lists have been carefully selected and our descriptions are derived chiefly from our own experience and observation. We have endeavored to make them as accurate and helpful as possible.



Giant Argenteuil Asparagus

ARTICHOKE

The French or Globe Artichoke is a half-hardy perennial, cultivated for its flower-heads which are cooked like asparagus and are considered a great delicacy. Sow in early spring and thin the plants to stand 2 to 3 feet apart. Light protection is required over winter. Trim the second spring to three strong shoots. The first edible heads will be produced the second year, and should be gathered as fast as formed.

LARGE GREEN GLOBE. The best for general use. **Pkt. 20 cts., oz. 75 cts.**

ASPARAGUS

An Asparagus bed on well-drained soil, once properly made, will last for years. Plenty of fertilizer, as well as rich compost or well-rotted stable manure, should be trenched in to a depth of 2 feet and thoroughly mixed with the soil. The seed should be planted in rows 3 to 5 feet apart and thinned to stand 1½ feet apart in the rows; or sown in a separate seed-bed and the seedlings transplanted the second year, setting the crowns from 4 to 6 inches below the surface of the bed. Sow as early in the spring as the ground can be prepared and fair crops may be expected the third year from seed. An ounce will sow 50 feet of drill and produce about 300 plants.

NEW WASHINGTON RUST RESISTANT. Vigorous, high-yielding, producing extra-large and tender shoots. The best variety. **Pkt. 10c., oz. 25c., ¼lb. 75c., lb. $2.50.**

CONOVER'S COLOSSAL. Large, deep green stalks.

GIANT ARGENTEUIL. A French variety of mammoth size.

PALMETTO. A very popular variety. Early and productive.

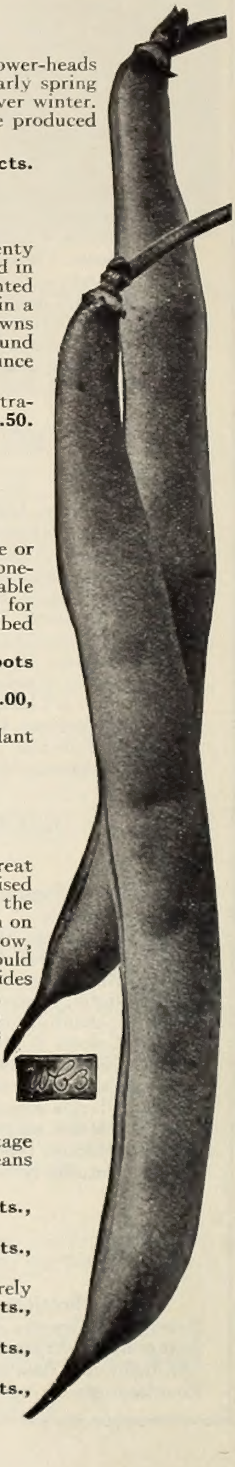
Each, pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.00

A year's time and sometimes more can be saved in getting shoots ready for table or market by planting **Asparagus Roots** instead of seed. Generally speaking, the one-year-old roots are most satisfactory as they transplant more readily and, under favorable conditions, will produce a crop as quickly as the older roots. Prepare the bed as for seed and plant the roots early in the spring. We can supply any of the varieties described above, for shipment as soon as danger from frost is past.

ROOTS, 1-year-old. Palmetto or **Giant Argenteuil.** Tied in bunches of **50 roots 75 cts., 100 roots $1.40, 500 roots $6.50, 1,000 roots $12.00.**

NEW WASHINGTON. Bunches of **50 roots $1.35, 100 roots $2.50, 500 roots $11.00, 1,000 roots $20.00.**

We do not offer three-year-old roots as there is little to be gained by planting them, and they do not transplant nearly so well as the one-year stock. Prices on two-year-old roots on request.



BEANS, Bush or Dwarf Varieties

Beans are among the most satisfactory vegetables for the home garden, since they thrive in all sections and on a great variety of soils. While they will, of course, do best on soils well enriched with manure, good crops of Beans may be raised even on poor soil, providing you plant prolific kinds and cultivate freely. As a rule it is not safe to plant Beans until the ground has become thoroughly warm, generally after the middle of May, and they may be sown any time from then on up to August 1. The rows should be placed from 2 to 2½ feet apart, and seeds dropped about 4 inches apart in the row, to be covered with from 2 to 4 inches of soil, the greater depth in light soils, shallower in heavy soils. The pods should never be picked while the vines are wet, as this will spread rust and leaf-spot disease, cutting short the crop, besides making the pods unfit for use. Successive sowings of 20-foot rows, made at intervals of about two weeks, will give a plentiful supply of Snap Beans for a family of five throughout the season. (The number of days given after each sort indicates when the first picking of snap pods is ready. Throughout July sow varieties which will require less than 65 days in which to bear pods.) One pound of seed will sow 50 feet of drill; 90 pounds will sow an acre.

One pound of Beans is equivalent to about one pint by measure

VARIETIES GROWN FOR DRY SHELL BEANS

These are mostly coarse-growing, late-maturing varieties, not suitable for use as "snap-shorts" in the green stage (with the exception of Dwarf Horticultural which is a dual-purpose kind). They are grown extensively for dry Beans for winter use. (Varieties suitable for Snap Beans are listed on pages 5 and 6.)

WHITE MARROWFAT. Large, plump, white Beans—finest for baking. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.50.**

SNOWFLAKE NAVY. An improved strain of the common, small Navy Bean, earlier and more productive. **Pkt. 10 cts., ½lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts., 5 lbs. $1.25, 10 lbs. $2.35.**

DWARF HORTICULTURAL. Furnishes green-shelled Beans of the finest quality. The strain we offer is entirely stringless, hence the pods may be used as "snap-shorts" in the green stage. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

WHITE KIDNEY. Desirable for Shell Beans. Seeds large, white, kidney-shaped, and of excellent quality. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.50.**

RED KIDNEY. Like White Kidney except in the color of the seed. Very popular for baking and for soups. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.50.**

THE BEST GREEN-PODDED BUSH BEANS

A basket of Bountiful Beans

BOUNTIFUL. This is perhaps the finest all-round, flat-podded, green Bush Bean in cultivation today. It surpasses in bearing qualities and as a reliable cropper most other varieties, and it stands alone in its adaptability to widely varying climatic and soil conditions. It will bear loads of handsome pods, as shown in picture opposite, within 55 days from date of planting, and we have known a 15-foot row to yield a bushel of pods from the time the plants started bearing until the first frost. If there is any one Bean that deserves the title of "The Bean for the Home Garden," it is Bountiful among the Green-pods, and on page 6 you will find Sure-Crop Stringless Wax which is a fit mate to Bountiful among the Wax-podded varieties. Bountiful is always stringless, but, like most Beans, should be picked before it is full-grown to be had at its best. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

TENNESSEE GREEN-POD. A flat-podded variety of comparatively recent introduction which has been judged the finest flavored of all Beans in cultivation! It is also extremely early, maturing a big crop in 50 days. Although it is not as good a Bean as some we offer, becoming stringy when full-grown, it surely holds a treat for those who value real flavor in Beans. If the pods are picked while still young and only 4 to 5 inches long, they are tender and stringless. The plants are of vigorous growth, with heavy, deep green foliage. A Bean well worth trying. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.85.**

BURPEE'S STRINGLESS GREEN-POD. The earliest round-podded Bush Bean, and a splendid variety for every purpose. The first pods are ready to pick within 50 days from sowing and, if kept picked, the plants will continue to bear for a long period. The pods are round, full, and fleshy, absolutely stringless at all stages, remaining crisp and tender until the seed is fully developed. Does particularly well on heavy clay soils. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

FULL MEASURE. A well-named, round-podded, green, stringless Bush Bean of extraordinary yielding power. The plants are thrifty and bear early, generally within 60 days after seeds are sown. Pods average 6 to 6½ inches long, vary from slightly curved to straight, are deeply saddle-backed, tender, and of finest quality. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

IMPROVED RED VALENTINE. Productive and hardy, doing well on a wide variety of soils. We offer a much-improved strain of Red Valentine which produces, in about 55 days from planting, perfectly round, thick and meaty pods that are stringless until half-grown. Quality excellent. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.65.**

BLACK VALENTINE. An old stand-by and one of the most reliable croppers among the green-podded Bush Beans, thriving on poor soils and in most unfavorable weather. In about 65 days from sowing, it matures handsome, long, straight, thick-flat pods. Quality only fair but a heavy yielder. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.65.**

GIANT STRINGLESS GREEN-POD. Also sold as Giant Stringless Valentine. A most dependable yielder of handsome, round-podded Beans which are fleshy and absolutely stringless at all stages of development. Slightly later in season than Bountiful but an unusually heavy bearer and a fine variety to plant for a succession crop after the first earlies. Both Giant Stringless and Burpee's Stringless Green-Pod are particularly recommended for heavy clay soils. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.65, 10 lbs. $2.85.**

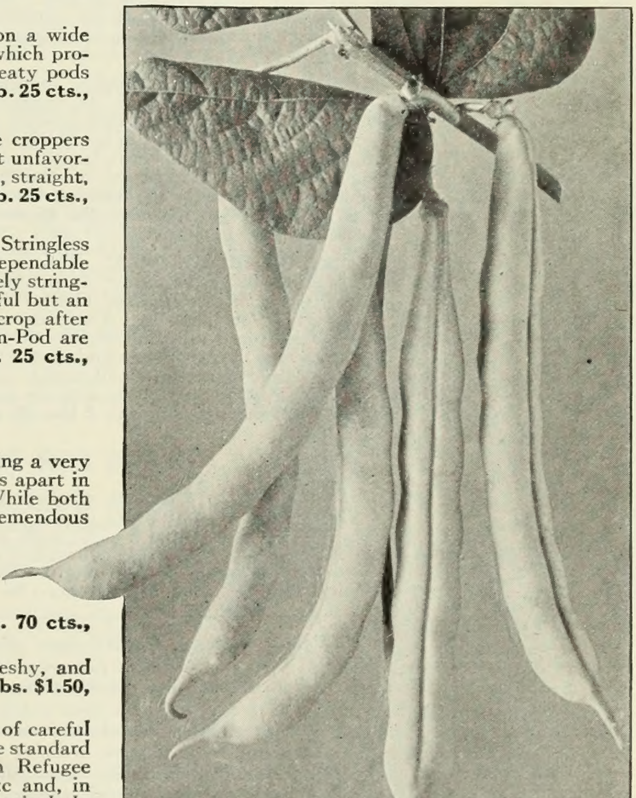
THE REFUGEE BEANS

These differ from other Bush Beans in being distinctly later and making a very much larger plant. Refugee Beans should be dropped from 6 to 8 inches apart in the rows and at least 2½ feet should be allowed between the rows. While both Extra Early and Late Refugee are stringy when fully grown, they yield tremendous crops of handsome, fleshy and brittle pods. Where different varieties of Beans are planted at one time, to give a succession, the Refugee Beans are indispensable as heavy croppers late in the season.

EXTRA-EARLY REFUGEE. (55–60 days.) Pods round, solid, tender; good quality. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.85.**

LATE REFUGEE, or **1000 to 1.** (80–85 days.) Pods round, tender, fleshy, and of fine flavor. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.85.**

KEENEY'S STRINGLESS GREEN REFUGEE. It took many years of careful breeding to produce this Bean in which every bit of the stringiness of the standard Refugee varieties has been eliminated. In season, Stringless Green Refugee comes between the two varieties offered above. It is just as prolific and, in addition to its other good Refugee qualities, it has been found to be a particularly fine Bean for canning. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.85.**

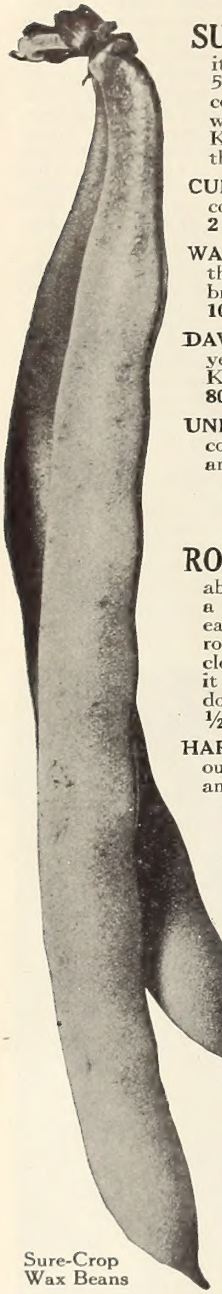


Giant Stringless Green-Pod Beans

There is one book which should be in every gardener's and home-owner's library. It is GARDEN GUIDE described on the last page of this catalogue

YELLOW or WAX-PODDED BUSH BEANS

THE BEST FLAT-PODDED KINDS



Sure-Crop
Wax Beans

SURE-CROP STRINGLESS WAX. Without a doubt, the most thoroughbred flat-podded Wax Bean yet introduced. Its outstanding characteristic is its dependability, in which respect it compares very favorably with Bountiful among the green-podded varieties. It produces its handsome, 6-inch pods in 55 days after the seed is sown. The plants are hardy and resistant to both blight and rust. The pods are rich yellow in color, flat but thick through, perfectly stringless at all stages, and of the finest quality. Sure-Crop Stringless Wax will, we believe, outyield any other variety of Wax Bean in cultivation: in our trials it has outyielded the old standby, Wardwell's Kidney Wax, two to one. If we were able to offer our customers only one Wax Bean, we would choose Sure-Crop without the slightest hesitation. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

CURRIE'S RUSTPROOF. Extra-early and hardy. Pods long and flat, tender and stringless when young but developing considerable string as they mature. A favorite variety for market in some sections. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.75.**

WARDWELL'S KIDNEY WAX. An excellent early variety which for years has been considered by market gardeners the standard of quality for family trade. Its creamy yellow pods average 6 inches long and are broad and decidedly flat, brittle and stringless until full-grown. (55–60 days.) **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

DAVIS WHITE KIDNEY WAX. Distinctly a market gardeners' variety and an excellent shipper. The pods are light yellow in color, straight and handsome; while young they are of fair quality, becoming stringy when half-grown. Davis Kidney Wax is hardy and early, but it has only a short season of bearing. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.50, 10 lbs. $2.75.**

UNRIVALED WAX. (New.) Ready for gathering within 65 days after seeds are sown. A robust grower, it withstands considerable rainy weather. The pods are light yellow in color, long, flat, slightly curved at the end, very fleshy, tender, and of excellent quality. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

THE BEST ROUND-PODDED WAX BEANS

ROUND-POD BRITTLE WAX. Undoubtedly the handsomest of all round-podded Wax Beans and surely of superlative quality. It commences to bear its meaty, slightly curved pods in about 60 days after planting and continues to bear for the greater part of a month. On rich soils, the plants make quite a vigorous growth and, to avoid crowding, the beans should be dropped at least 5 or 6 inches apart. If the plants crowd each other in the rows, their yield is considerably decreased, and this holds true of all varieties. Although none of the round-podded sorts measure up to the flat-podded kinds in yield, Brittle Wax is one of the most prolific and comes very close to Sure-Crop Stringless in this respect. Brittle Wax is perfectly stringless, even after it becomes old and dry. If you prefer a round-podded to a flat-podded Bean, as many do, you will make no mistake in choosing this for home-garden or market. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 75 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

HARDY WAX. A very prolific variety, unusually resistant to Bean diseases. Its most outstanding quality is its hardiness. It stands cold, disagreeable weather remarkably well and, for this reason, may be planted a week or so sooner than most other Wax Beans. Hardy Wax is as prolific as Brittle Wax but the pods are shorter, averaging 5 inches in length, and are of a brighter yellow color. We consider Hardy Wax one of the most dependable varieties in the round-podded class for the home-garden, particularly in northern sections. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.75.**

PENCIL-POD BLACK WAX. This is the best strain of Prolific Black Wax in cultivation today. In productiveness it compares very favorably with Brittle Wax and Hardy Wax, commencing to bear in about 65 days from planting. The pods average from 6 to 7 inches long, varying from straight to slightly curved. In appearance they are most attractive, being slender and perfectly round, bright yellow in color, meaty and stringless at all stages, and of exceptionally fine quality. Pencil-Pod Black Wax is one of the good "old-reliables." **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.50, 10 lbs. $2.85.**

Brittle Wax Beans.
One of the best in
its class

BEANS FOR FORCING

MASTERPIECE. An English green-podded variety developed especially for growing under glass. We offer a quick-growing and very productive strain of the true variety. The pods are long and straight, and, when forced, they are very meaty, stringless at all stages, tender and of finest flavor. Suitable also for growing outdoors but are then of rather inferior quality. **Pkt. 25 cts., ½lb. 50 cts., lb. 75 cts.**

With plant diseases, as with those affecting human beings, "an ounce of prevention is worth a pound of cure." The surest prevention is good cultivation: strong, well-grown plants do not often succumb to the attacks of garden enemies. Means should be taken to combat insect pests just as soon as they appear, and a close watch should be kept over the garden at all times in order to detect the first arrivals promptly and put them to rout before they have a chance to multiply. Generally speaking, there are two kinds of insect pests, the chewing insects and the sucking insects. The former include the various caterpillars, the potato bug, the cabbage worm, etc., and they are best combated with one of the poisons, such as Arsenate of Lead. The various aphids or plant-lice, the squash bug and the white fly are classed among the sucking insects, and they must be killed by a contact spray or asphyxiated with one of the fumigants. Black-Leaf 40, Nikoteen, Kerosene Emulsion and Fish-Oil Soap are all effective against the sucking pests. The blights, rusts, mildews and other plant diseases are not ordinarily troublesome in the small garden. They are controlled by Bordeaux, Lime-Sulphur, Fungine, etc. On small plantings, one of the combined insecticides and fungicides, such as Bordeaux-Lead or Pyrox, may be used to good advantage. For a complete list of Insecticides and Fungicides, with prices, see pages 75 and 76.

Kentucky Wonder Beans

EDIBLE-PODDED POLE BEANS

The Pole or Running Beans are not quite as hardy as the Bush Beans and should be planted later, after the soil is warmer and the weather more settled. The seed is commonly sown in slightly raised hills, 5 to 6 feet apart, four or five seeds to the hill, and the vines trained on stout poles standing 6 to 8 feet high. Another very good method is to sow the seed in rows, thinning the plants to stand about 1 foot apart and then training each vine up a string or wire running from a stake at the base to a horizontal pole or wire above. A single horizontal may be made to serve two rows, tent-fashion. The yield is increased if the tips of the vines are pinched back when they are about 5 feet high. Although the Pole Beans do not ripen as early as the Bush varieties, they are much more productive, continuing to bear until frost, if kept picked. One pound of seed will plant about 100 hills.

GREEN-PODDED VARIETIES

KENTUCKY WONDER, or **Old Homestead.** A splendid "old-reliable," the most popular of all the Pole Beans. It is a vigorous grower, doing well on almost any soil, commencing to bear in about 85 days after sowing and continuing for a long season. The pods are produced in clusters and are deep green in color, round and meaty, often 9 inches long, tender and stringless when young, always of the finest quality. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.65.**

WHITE-SEEDED KENTUCKY WONDER, or **Burger's Green-Pod Stringless.** Earlier than Kentucky Wonder and remains longer in bearing. Pods 6 to 8 inches long, borne in clusters, dark green in color, meaty and stringless. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.65, 10 lbs. $2.85.**

LAZY WIFE. An extremely productive sort, bearing broad, thick, flat pods, 4 to 6 inches long; stringless at all stages, tender and rich in flavor. Although its bearing season is somewhat shorter than other sorts, Lazy Wife at its height will outyield any other Pole Bean. **Pkt. 10c., ½lb. 25c., lb. 45c., 2 lbs. 80c., 5 lbs. $1.65, 10 lbs. $2.85.**

WHITE CREASEBACK. One of the oldest varieties in cultivation and also one of the best. The plants are exceedingly thrifty and continue bearing until stopped by frost. The pods are borne in big clusters; silvery green in color; of medium size but very thick and meaty; perfectly stringless while young. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.75.**

EGG HARBOR. A productive variety of recent introduction; resembles Kentucky Wonder but the pods have a distinct bluish tinge; stringless and of fine quality. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.65.**

HORTICULTURAL POLE. Particularly valuable for cool sections. A good producer of large, fleshy pods and the best variety for Shell Beans, which are of the finest flavor. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.65, 10 lbs. $2.75.**

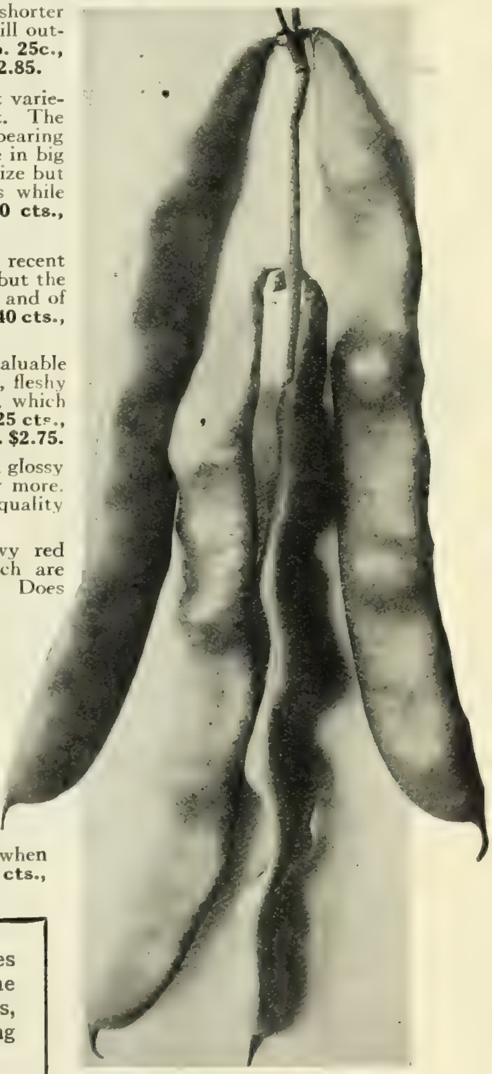
YARD LONG, or **Asparagus Bean.** Round, glossy green pods, attaining a length of 2 feet or more. The Beans are quite a curiosity and of fair quality while young. **Pkt. 20 cts., lb. $1.00.**

SCARLET RUNNER. Grown for its showy red blossoms, as well as for the Beans which are generally shelled and cooked like Limas. Does best in cool sections. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 75 cts.**

WAX-PODDED VARIETIES

KENTUCKY WONDER WAX. So named on account of its resemblance to the green-podded Kentucky Wonder. A vigorous and immensely productive variety; extremely early, the first pods being ready for picking in 75 days from planting. The pods average 7 inches in length and are of a bright yellow color, round and thick, and of good quality. **Pkt. 15 cts., ½lb. 30 cts., lb. 50 cts., 2 lbs. 90 cts., 5 lbs. $1.90, 10 lbs. $3.00.**

GOLDEN CLUSTER WAX. Following Kentucky Wonder Wax in maturity by about 10 days, this variety produces big clusters of very broad, flat but thick pods of a light waxy yellow color and delicious flavor. The pods will grow 7 inches long by 1 inch broad, but should be picked before becoming more than 5 inches long as they develop considerable fiber when full-grown. Golden Cluster Wax is a leader in quality. **Pkt. 15 cts., ½lb. 30 cts., lb. 50 cts., 2 lbs. 85 cts., 5 lbs. $1.90, 10 lbs. $3.00.**



Golden Cluster Wax Beans

A perfect, velvety green lawn enhances the appearance of your home and increases the value of your property. Early spring is a good time to make a new lawn or patch the old one. For a fine, lasting turf, sow *Beckert's Evergreen Lawn Seed.* For shady places, use *Beckert's Shady-Nook Mixture.* Turn to page 2 for instructions on lawn making and for information and prices on lawn seed.

LIMA BEANS

Lima Beans are considered by many to be the finest of all Beans, and certainly there are few vegetables as delicious as green Lima Beans fresh from the garden. The Limas are not hardy and, under no circumstances should the seed be planted before the middle of May. Best results are obtained on a warm, medium light and well-drained soil. North of Pennsylvania only the early maturing bush varieties should be grown. Old gardeners claim that the seed germinates better if planted with the eye down.

DWARF or BUSH VARIETIES

The Bush Lima Beans bear early and are valuable, therefore, in cool sections and for early market. Moreover, they take up less room than the climbing sorts in the small garden. Sow the seed in rows 2 to 3 feet apart, dropping the seeds every 4 inches and thinning the plants to stand 8 to 10 inches apart in the rows. One pound of seed will sow 50 feet of row.

EXTRA-EARLY GIANT. This comparatively new variety is the earliest of all the large-podded Bush Limas. The Beans are large, similar in size and shape to those of the Giant Improved Bush Lima, and of equally good quality. They are ready for picking a full 10 days earlier, however, and are produced in even larger quantities. Extra-Early Giant is a decided acquisition as it makes it possible to grow Lima Beans farther north than ever before. **Pkt. 15 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.80, 10 lbs. $3.00.**

QUARTER CENTURY, or **Wonder Bush Lima.** The best type of the ever-popular Burpee Bush Lima. Plants large, bushy and vigorous, growing 1½ feet tall. A heavy producer of large pods, containing 3 or 4 Beans each, which are flat and of good size and quality. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 75c., 5 lbs. $1.65, 10 lbs. $3.00.**

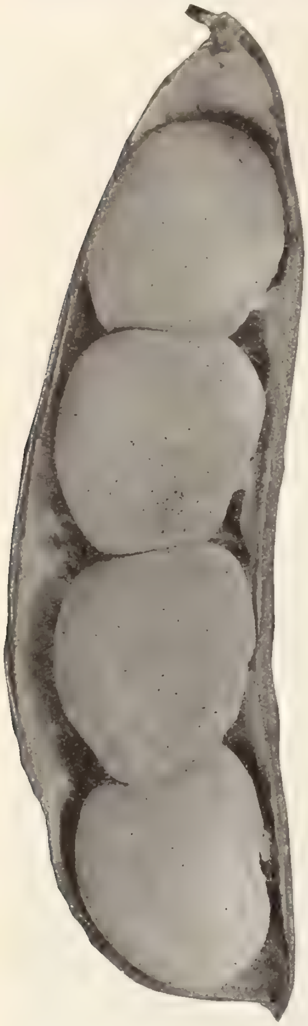
GIANT IMPROVED. A very productive variety, maturing at the same time as Quarter Century. The plants are unusually large and vigorous; the pods are of enormous size and are often borne in clusters of from 5 to 8; the Beans are larger than those of any other sort, flat but thicker than Quarter Century, and of fine quality. **Pkt. 15 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.80, 10 lbs. $3.25.**

FORDHOOK. The most perfect variety of the Potato Lima type. The Beans are large, very thick and mealy, and of the finest quality. The pods are borne in clusters of from 4 to 8, with 4 or 5 Beans to the pod; the plants are strong and erect in growth. Fordhook Bush Lima, besides being one of the most productive, is valuable on account of its earliness, as it matures shortly after Extra-Early Giant and before any of the other kinds. **Pkt. 15 cts., ½lb. 30 cts., lb. 50 cts., 2 lbs. 90 cts., 5 lbs. $2.00, 10 lbs. $3.65.**

WOOD'S PROLIFIC. This is the Dwarf Sieva or "Butter Bean" of the South, and a favorite for canning. The Beans are small but of unsurpassed flavor. The plants are strong and compact, medium early and productive. Wood's Prolific is an improved form of the older Henderson's Bush Lima. **Pkt. 10 cts., ½lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. $1.50, 10 lbs. $2.65.**

POLE LIMA BEANS

These mature later but are much more productive than the Bush sorts. They are grown in the same manner as the edible-podded Pole Beans, described on the previous page, except that the seed should not be planted until after the middle of May. One pound will plant about 50 hills.



A typical pod of Giant Improved Bush Lima

NEW GIANT-PODDED POLE LIMA. The largest podded and heaviest yielding Lima Bean in cultivation. **Pkt. 15 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 5 lbs. $1.90, 10 lbs. $3.50.**

CARPINTERIA. A splendid variety, combining high quality with unusual bearing power. The vines are strong, bearing early and profusely; the pods generally contain 4 large Beans which are thin-skinned, very tender and of fine flavor. The Beans of the Carpinteria Pole Lima have a green tint even when fully ripe, which is a sure indication of quality. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 75 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

EARLY LEVIATHAN. The earliest of the Pole Limas; very prolific; pods extra-large, containing 3 or 4 Beans of fine quality. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 75 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

KING OF THE GARDEN. Following Carpinteria in season, this is perhaps the most productive of the Pole Limas, as it continues to bear until cut down by frost. The vines are unusually strong and luxuriant in growth; consequently, it is best to allow only two vines to the hill. **Pkt. 10 cts., ½lbs. 25 cts., lb. 45 cts., 2 lbs. 75c., 5 lbs. $1.65, 10 lbs. $3.00.**

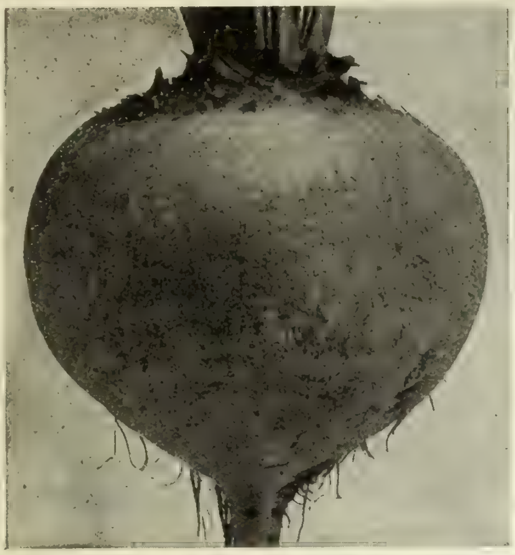
CAROLINA, or **Sieva.** The small-seeded variety so popular in the South. Medium late but very porlific; unsurpassed in quality. **Pkt. 10 cts., ½lb. 25 cts., lb. 45c., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.75.**

Bush or Pole Limas—Which?

Where space permits and poles can be gotten, grow some of both! The bush sorts bear early but, on account of short vines, do not bear so heavily as the climbing type. Our choice of a combination is Extra-Early Giant Bush and Fordhook, together with Leviathan and Carpinteria Pole.

Carpinteria Pole Lima Beans

GARDEN BEETS



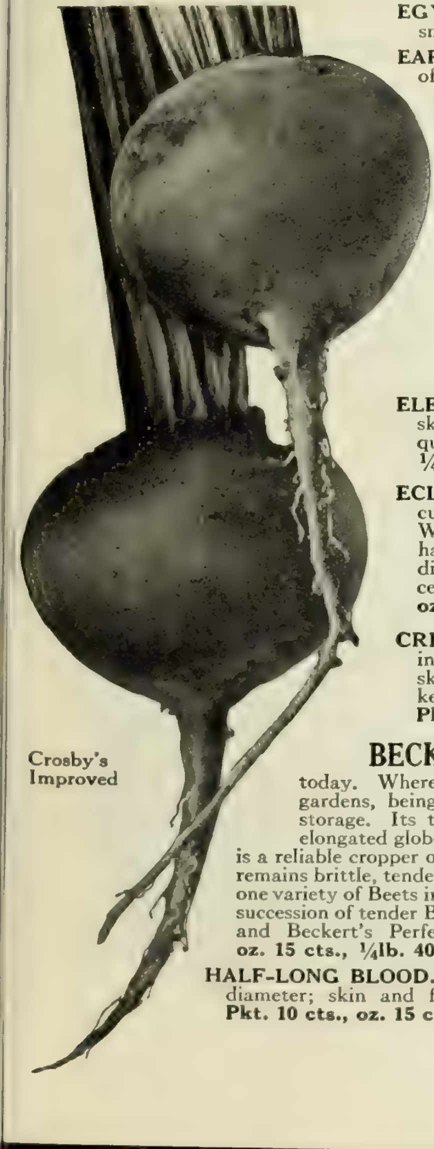
Detroit Blood Turnip Beet

Next to Beans, the Beets are probably the easiest to grow of all garden vegetables, and among the root crops they certainly rank first. Beets will grow readily in any soil that has been deeply dug. It is not necessary that the soil be rich, although larger crops may be grown on fertile soil: fresh manure cannot be recommended since it will produce rough and misshapen roots and nurse root maggots. The soil should be dug and raked deeply and thoroughly as early in the spring as the ground can be worked. Sow the seeds in rows 18 to 24 inches apart, covering them with about ½inch of soil, pressing it down firmly to insure a quick and even germination. Scatter the seed thinly (one to every inch is ample) since each kernel is really a composite fruit containing two or more seeds. As soon as the seedlings are a few inches high, thin them out to stand 2 to 3 inches apart, and thin them again later on, if it is necessary, in order to give the roots room in which to develop.

Since the roots of most varieties become stringy and lose some of their fine flavor soon after they attain table size, it is better to sow short rows at frequent intervals early in the season than to plant a large quantity at once. Beets may be sown any time up to the middle of July in this latitude. During the first week in July, plant several rows of such sorts as Crosby's Improved, Detroit Blood Turnip, Crimson Globe, or Beckert's Perfection to harvest in the fall and store in pits or in boxes of sand or earth in the cellar for winter use. For fall and winter use, we especially recommend *Beckert's Perfection*, since it is a splendid keeper, retaining its fine sweet flavor and tender quality long after it has reached full size.

One ounce of Beet seed will sow from 50 to 75 feet of row; 5 to 6 pounds will sow an acre.

CROSBY'S IMPROVED, BECKERT'S SPECIAL STOCK. An extra-early, thoroughbred strain of Crosby's Egyptian Beet. Handsome roots, thick, smooth, and with small taproots; of fine quality; uniform in size and shape; skin and flesh deep red. Crosby's Improved is the standard sort for early markets and a satisfactory extra-early Beet for the home garden. **Pkt. 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.**



Crosby's Improved

EGYPTIAN. An extra-early variety with medium-sized, flattened roots, dark crimson in color, and small tops. Can be grown very closely. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

EARLY WONDER. A new strain of Crosby Beet, producing uniformly smooth, well-shaped roots of extra-dark color. Early Wonder is highly recommended for bunching for early market. **Pkt. 10c., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

EARLY MODEL. One of the earliest varieties, noted for the perfect shape of its roots and its remarkably small tops. The roots are globe-shaped, quickly reaching edible size and have dark crimson flesh of the finest quality. Unexcelled for forcing. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

DETROIT BLOOD TURNIP. The best second-early Beet to follow Crosby's Improved. Roots of good size, globular; flesh dark red and tender; foliage small. Particularly sweet; the favorite sort for canning and, without a doubt, the best all-round Beet for market or home-garden. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

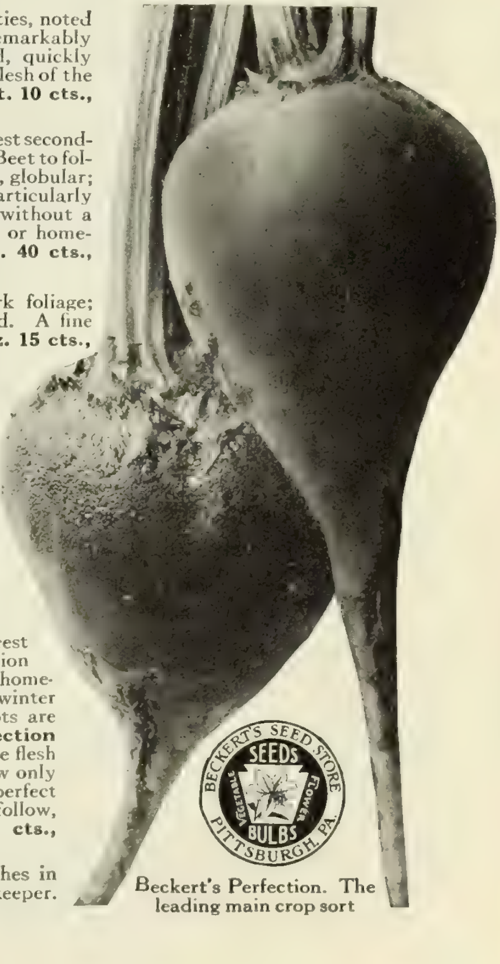
ELECTRIC. Early; semi-globular and uniform; dark foliage; skin smooth; flesh deep red, tender and fine-grained. A fine quality Beet for the home garden. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

ECLIPSE. Although one of the oldest varieties in cultivation, this is also one of the most dependable. Within 60 days after the seed is sown, it perfects handsome top-shaped roots, 2 to 2½ inches in diameter. The flesh is rather light in color but exceptionally sweet and tender. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.00.**

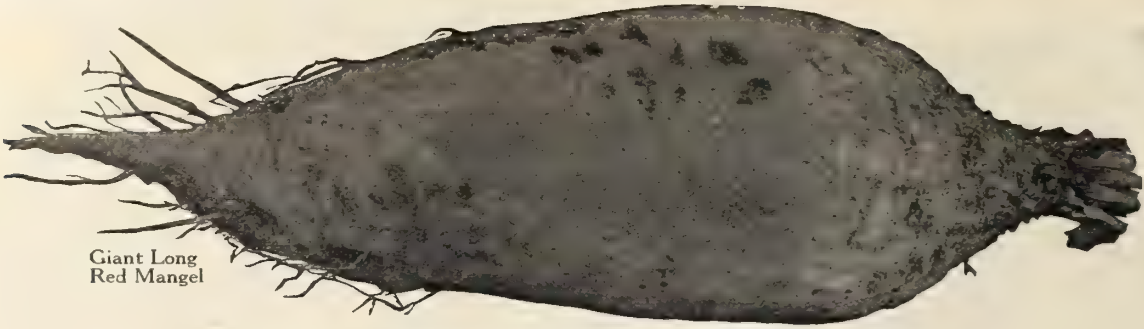
CRIMSON GLOBE. A midseason variety, producing large, smooth, globe-shaped roots; flesh and skin very dark red; quality excellent; a splendid keeper. A good cropper; always dependable. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.00.**

BECKERT'S PERFECTION. One of the choicest Beets in cultivation today. Wherever it has been grown, it is the favorite Beet for home-gardens, being distinctly a main-crop sort and unexcelled for winter storage. Its tendency is to grow to only medium size; the roots are elongated globe-shape, with dark crimson flesh. **Beckert's Perfection** is a reliable cropper on any soil and always takes the lead in quality. The flesh remains brittle, tender and sweet after a full season's growth. If you grow only one variety of Beets in your garden, let it be Beckert's Perfection. For a perfect succession of tender Beets, plant Crosby's Improved for early, Detroit to follow, and Beckert's Perfection for main-crop and winter use. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

HALF-LONG BLOOD. A late variety; roots 5 inches long and 2½ inches in diameter; skin and flesh deep crimson; quality excellent; a good keeper. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.00.**



Beckert's Perfection. The leading main crop sort



Giant Long Red Mangel

STOCK BEETS, or MANGEL-WURZELS

Grown for stock-feeding, they form very wholesome and nutritious food. The roots of Giant Half-Sugar in particular are of special value for feeding to cows, as they greatly increase the flow of milk. The seeds should be dropped about 2 inches apart, in drills 2 feet apart, and the plants thinned so that there will be 12 to 16 inches between them. From five to eight pounds of seed are required to sow an acre.

GIANT LONG RED MANGEL. Heavy cropper; roots long and thick. **Oz. 10 cts., ¼lb. 25 cts., lb. 60 cts.**

GIANT YELLOW INTERMEDIATE. Roots oval-shaped; enormous yielder. **Oz. 10c., ¼lb. 25c., lb. 60 cts.**

GOLDEN TANKARD. Has large roots; flesh bright yellow. **Oz. 10 cts., ¼lb. 25 cts., lb. 60 cts.**

GIANT HALF-SUGAR. Rich in sugar, with close-grained flesh, and more nutritious than others. Roots bronze-green above ground and grayish white below. Very productive. **Oz. 10 cts., ¼lb. 25 cts., lb. 60 cts.**

Brussels Sprouts

SUGAR BEET

DANISH PRIZE. This is a selection of the highest sugar-yielding Beet in cultivation. The roots grow to very good size and furnish much richer food than the Stock Beets. Roots may be allowed to stand 6 to 8 inches apart in the row. **Oz. 10 cts., ¼lb. 25 cts., lb. 65 cts.**

BRUSSELS SPROUTS

The seed should be sown in April or May, and the plants cultivated like cabbage; the heads are improved by frost. An ounce of seed will produce 2,000 plants.

AMAGAR MARKET, or Danish Prize. Plants of very vigorous growth, about 3 feet in height; stalks large, thick, and close-jointed. The Sprouts set thickly on the stalk, and are developed very uniformly. **Pkt. 10 cts., oz. 35 cts., ¼lb. $1.00.**

PARIS HALF DWARF. Reliable and very productive. **Pkt. 10cts., oz. 35 cts., ¼lb. $1.00.**

LONG ISLAND IMPROVED. Considered by many the best strain of Brussels Sprouts grown in this country. Compared with the two other varieties we offer, it grows less tall and is wider at the base of the plant. Early; fine quality. **Pkt. 10c., oz. 35c., ¼lb. $1.**

BROCCOLI

A form of cauliflower, requiring similar treatment; suitable for late crops only.

WHITE CAPE. Heads creamy white; delicate flavor. **Pkt. 10 cts., ¼oz. 25 cts., oz. 65 cts.**

CHINESE or CELERY CABBAGE

Although cultivated in the Orient for centuries, it is only during the last few years that this fine vegetable has been recognized here as being worthy of cultivation in every home-garden. Chinese Cabbage really belongs to the mustard rather than the cabbage family. Its tenderness and mild flavor make it particularly appetizing, and it is equally palatable cooked or served raw as a salad. It may even be made to furnish two distinct dishes by serving the leaves like lettuce and the stalks like stewed celery.

In habit of growth it resembles the Cos lettuces more than the Cabbages. The inner leaves may be blanched to a beautiful yellowish white by tying them together at the top when full grown. The seeds are generally sown during the latter part of July or August, in rows 2 feet apart, and covered with about ¼ inch of soil, deeper in light and less in heavy soils. When the plants are 4 or 5 inches tall, thin them out to stand from 8 to 10 inches apart.

PE-TSAI. The original Chinese Cabbage. With good culture it will form heads 2 feet tall and 6 inches through. Tender and delicious. **Pkt. 10 cts., oz. 30 cts., ¼lb 85 cts., lb. $3.00.**

WONG BOK. A distinct variety forming plants of more compact growth and broader heads. This is a very reliable sort for both home and market-gardens, since it seems to be a sure header, even under contrary conditions, and stands long before sending up seed-stalks. Crisp and tender, with a piquant flavor. **Pkt. 10 cts., oz. 40 cts., ¼lb. $1.25, lb. $4.50.**

Pe-Tsai Chinese Cabbage

CABBAGE

CABBAGE DOES BEST ON A WELL-MANURED SOIL

Seed sown in hotbed or greenhouse about February 15 will give plants large enough to transplant into hotbeds about March 10. Set them 2 to 3 inches apart each way, and as soon as they become well established, remove the glass for part of the day, to harden them for final transplanting into the open ground, increasing the exposure daily until April 10 to 20, when the final transplanting may be made. For late crops, sow the seed in April or May and transplant to the open ground when large enough, setting the plants up to the first leaf and 2 to 3 feet apart. It is important that the plants should not stand thick in the seed-beds, as this would induce weak, slender growth. The insects which molest them should be kept in check with remedies which seem most efficacious in the locality. There is a tendency to club-root if Cabbage is grown on the same ground year after year. An ounce of seed will produce about 2,000 plants.

EARLY AND SECOND-EARLY VARIETIES

EXTRA-EARLY JERSEY WAKEFIELD. One of the leading early Cabbages, equally popular for home use and market, maturing perfect heads in from 100 to 110 days from sowing. The heads are of medium size, pyramidal and pointed, firm and solid, with few outside leaves, remarkably uniform in size and time of maturing. Quality excellent. **Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25, lb. $3.50.**

LARGE CHARLESTON WAKEFIELD. A selection from the preceding, maturing about 10 days later. The heads are considerably larger, oblong and pointed. **Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25, lb. $3.50.**

WINNIGSTADT. A splendid second-early, pointed-headed variety. The heads are of medium size, sharply pointed and very hard. Winnigstadt is considered by many to be the finest flavored cabbage in cultivation; largely grown for kraut. **Pkt. 10 cts., oz. 25 cts., ¼lb. 90 cts., lb. $2.50.**

COPENHAGEN MARKET. The earliest of the round-headed Cabbages. Copenhagen Market has within a few years become immensely popular and is now more largely grown than any other variety for early market. Within 110 days from sowing it will mature fine, round, solid heads averaging 8 to 10 pounds in weight, and will compare favorably in yield per acre with any other variety, early or late. Copenhagen Market does best on rich, moist bottom-lands. **Pkt. 10 cts., oz. 40 cts., ¼lb. $1.50, lb. $4.00.**

BECKERT'S PITTSBURGH MARKET. (New.) An improved strain of the Copenhagen type. Earliest of all. Short stem; very solid head. Seed offered is Danish grown. **Pkt. 10 cts., oz. 40c., ¼lb. $1.50, lb. $4.00.**

NEW GOLDEN ACRE CABBAGE. The most important new variety of Cabbage introduced in years and the earliest Cabbage in existence. In the amazingly short period of 80 days from sowing, Golden Acre matures hard, round heads, nearly as large as Copenhagen Market! Remarkably uniform in size and growth, compact in habit, with few outer leaves; very solid for such an early sort, and of fine quality. **Pkt. 25c., oz. $1.00, ¼lb. $3.75, lb. $12.50.**

Surehead. The best late Cabbage for home use

Typical heads of Enkhuizen Glory Cabbage

STEIN'S EARLY DWARF FLAT DUTCH. The earliest and best of the Early Flat Dutch types. A sure cropper with good sized, hard heads. **Pkt. 10 cts., oz. 30 cts., ¼lb. $1.00, lb. $3.00.**

ENKHUIZEN GLORY. Following closely after Copenhagen Market, this variety combines earliness, size and quality in a remarkable degree. In size and shape it closely resembles the Copenhagen Market and stands second only to that variety in yield. It does particularly well on moist clay upland soils and, on account of its greater adaptability, it is even more satisfactory than Copenhagen Market for home gardens. We recommend Enkhuizen Glory as the best all-around early Cabbage. **Pkt. 10 cts., oz. 30 cts., ¼lb. $1.00, lb. $3.00.**

EARLY ALLHEAD. The largest of the flat-headed, early Cabbages. The heads are very solid, uniform in size and maturity, and of excellent quality. A sure header, adaptable to many soils, equally good as a winter Cabbage. **Pkt. 10 cts., oz. 30 cts., ¼lb. $1.00, lb. $3.00.**

SUCCESSION, or All Seasons. A little later than Early Allhead. Heads larger and thicker; good for early and late crop. A very satisfactory, all-round Cabbage. **Pkt. 10 cts., oz. 30 cts., ¼lb. $1.00, lb. $3.00.**

MAIN-CROP AND LATE VARIETIES

SUREHEAD. An extra-select strain of the Late Flat Dutch type, producing big, solid heads, very uniform in shape and size, and of splendid keeping quality. The most reliable late Cabbage for the home garden. **Pkt. 10 cts., oz. 30 cts., ¼lb. $1.00, lb. $3.00.**

LARGE LATE FLAT DUTCH. An excellent keeping variety; more extensively grown for main crops than any other sort. The heads are heavy, broad and flat, very solid and of good quality. **Pkt. 10 cts., oz. 30 cts., ¼lb. $1.00, lb. $3.00.**

AUTUMN KING. An extra-hardy, late maturing, flat-headed Cabbage. Solid heads of the largest size. **Pkt. 10 cts., oz. 30 cts., ¼lb. $1.00, lb. $3.00.**

SHORT-STEM DRUMHEAD. Of uniformly dwarf growth, producing immense, flat heads which are very solid and often attain a weight of 20 to 25 pounds. **Pkt. 10c., oz. 30c., ¼lb. $1.00, lb. $3.00.**

DANISH BALLHEAD (Tall Stem). A hardy, heavy yielding variety, extensively grown for late markets. The heads are of medium size, nearly spherical or balloon-shaped and extremely solid. Danish Ballhead is probably the best of the winter keepers. This and the following variety can be grown successfully only on strong, well-manured and fertilized soil. **Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25, lb. $3.50.**

MAIN-CROP AND LATE CABBAGE, continued

SHORT-STEM DANISH BALLHEAD, or **Roundhead.** Dwarf-growing and a little earlier but otherwise similar to the tall-stemmed type. This variety is a big cropper, with large, heavy heads, withstanding severe drought. **Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25, lb. $3.50.**

PENN STATE BALLHEAD. (New.) Is probably the heaviest yielding Cabbage in existence. Will outyield the average strain of Danish Ballhead by from 8 to 10 tons per acre under favorable conditions. Tested records show a production of 26 tons per acre. **Pkt. 25 cts., oz. $1.00.**

SAVOY and RED CABBAGE

Those who appreciate quality in Cabbage should make it a point to grow more Savoy. It is safe to say that, next to Brussels Sprouts, Savoy Cabbage is of more delicate flavor than any other member of the Cabbage family. Red Cabbages are used mostly for pickling and slaws. They are of very much stronger flavor than white Cabbage. The Rock Red is the variety most widely grown, while Red Danish Stonehead takes the prize as a keeper.

PERFECTION DRUMHEAD SAVOY. The best all-round variety for American conditions. Good-sized, solid heads, with attractively curled and savoyed deep green leaves. In flavor it surpasses all other Cabbages and the flavor is improved by freezing. The heads may be left standing in the garden all winter until wanted for the table. **Pkt. 10c., oz. 35c., ¼lb. $1.25, lb. $3.50.**

MAMMOTH ROCK RED. A very select strain with large, solid, somewhat flattened heads. The favorite Cabbage for pickling. **Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25, lb. $3.50.**

RED DANISH STONEHEAD. Heads perfectly round and extremely solid; large in size; deep purplish red, showing but slight traces of white. **Pkt. 10 cts., oz. 40 cts., ¼lb. $1.50, lb. $4.00.**

CARROTS

Carrots have recently come to take a new and important place in the diet, for research has shown that they are one of the richest of all vegetables in vitamines. They are particularly rich in that group of vitamines which is essential to the health of growing children. They are easy to grow and, if pulled when only partly grown, no vegetable is more appetizing.

Carrots succeed best on heavy loam, which preferably should have been well fertilized the previous year, as fresh manure often causes the roots to grow pronged and misshapen. Sow the seed early in spring, firming the soil down over it. Make succession sowings every ten days up to the end of June, and put in a few extra rows about June 15 for winter use. An ounce of seed will sow 100 feet of drill; four pounds will sow an acre.

Chantenay, or Model Carrots

IMPROVED WHITE BELGIAN. Grown for feeding to cattle and horses, and a valuable addition to the winter rations, helping to keep stock in best condition. This is the most productive and easily harvested variety. The roots are large and thick through, growing partly above the ground. Can be kept all winter. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.00.**

NEW EARLY CORELESS. The earliest Carrot that grows to good size. Roots are uniform in size and shape, 6 to 7 inches long and 1½ inches in diameter, blunt pointed; rich orange skin and flesh; absolutely no core or stringy fiber. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

FRENCH FORCING, or **Golden Ball.** An extra-early variety with small, almost globular roots of a bright orange color. Tops very small. Fine for forcing or first crop outdoors. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

EARLY SCARLET HORN. For forcing and early crops. The roots are about 3 inches long, broad-shouldered, orange-red, and of very good quality. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

OXHEART, or **Guerande.** Thick and very blunt-rooted; 5 inches long and 3 to 4 inches in diameter; deep reddish orange; tender and of fine flavor. A very heavy cropper, easy to pull and a fine home-garden Carrot. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

DANVERS HALF-LONG. A grand old favorite, extensively grown for market and a desirable variety for every purpose. The roots grow 6 to 8 inches long and are nearly cylindrical, abruptly pointed at the base. The flesh is bright orange, fine-grained and free from fiber. A good cropper. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

HALF-LONG NANTES. A French variety which might be called an improved Danvers. The roots are cylindrical, smooth and blunt-pointed; the flesh is orange-red, nearly coreless and of the finest quality. The tops are fine and small, consequently Half-Long Nantes is especially desirable for growing in frames. A thoroughbred Carrot in every way. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

HALF-LONG LUC. This particular strain of half-long, stump-rooted Carrot is in great demand among our most critical customers. It is somewhat earlier than Danvers and the roots are a trifle thicker, remarkably symmetrical, and deep orange-red in color, having but the faintest indication of a core. In quality it is unsurpassed and, at the same time, it is most productive. On good soils, under favorable conditions, it will yield up to twenty-five tons per acre. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

CHANTENAY, or **Model.** A Carrot of many good qualities and a popular variety in all parts of the country. The roots grow quickly and are broad-shouldered, tapering slightly to the abrupt point, smooth and very handsome in appearance. The flesh is deep orange and of the finest quality even in the largest roots. A splendid winter keeper. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

NEW YORK MARKET, or **Half-Long Pointed.** A very select strain of the pointed type. The roots are of medium size, smooth and attractive. Quality fine, easy to pull and a sure cropper. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

ST. VALERY. Intermediate in length between the half-long and long varieties; about 10 inches long, broad at the top and tapering down very symmetrically to the bottom; rich orange in color and of the best quality. This Carrot is valuable for both garden and field culture, on account of its productiveness and good shape. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40c., lb. $1.25.**

IMPROVED LONG ORANGE. Very long, pointed roots of good quality. A heavy yielder; extensively grown. Useful for stock feeding as well as the table. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.00.**

CAULIFLOWER

The culture of Cauliflower and cabbage is essentially the same, but to the former extra care given in applying fertilizers and moisture well repays the gardener. Sow the seeds for early and late crops as directed for cabbage, but do not set the early plants in the open field too soon, for if too much stunted by severe frosts, they begin to form heads before they are strong enough to develop them well. Late plants which have not headed before winter sets in may be stored in a cool cellar or coldframe, and will form heads without further attention. An ounce of seed will produce about 1,500 plants.

BECKERT'S SELECTED EARLY SNOWBALL.

Produces large, handsome heads measuring 8 to 10 inches across; pure snowy white; close, compact and of the finest quality. The stalks are short, of compact growth, and can be planted closely. Beckert's Selected Early Snowball is extra early, a very certain header, and equally good for a late crop. Unsurpassed by any strain offered. **Pkt. 25 cts., ¼oz. 75 cts., oz. $2.80, ¼lb. $7.50, lb. $28.00.**

BECKERT'S SMALL-LEAVED SNOWBALL. Earlier than the preceding; a sure header and particularly fine for forcing. **Pkt. 25 cts., ¼oz. 75 cts., oz. $2.80, ¼lb. $7.50, lb. $28.00.**

PERFECTION. A new and distinct variety that is nearly as early as Snowball and produces equally as perfect a head. Has long leaves that grow straight up, with the inner leaves twisted and whorled, which naturally protects the head from the sun to a great extent. **Pkt. 25 cts., ¼oz. 75 cts., oz. $2.80, ¼lb. $7.50, lb. $28.00.**

EXTRA-EARLY ERFURT. The plants may be depended upon to form large, firm, white heads; very early. **Pkt. 25 cts., ¼oz. $1.00, oz. $3.50, ¼lb. $10.00, lb. $35.00.**

DANISH GIANT, or **Dry Weather.** Similar to Snowball in size, quality, etc., but matures about one week later and is a better drought- and heat-resister. **Pkt. 25 cts., ¼oz. $1.00, oz. $3.50, ¼lb. $10.00, lb. $35.00.**

VEITCH'S AUTUMN GIANT. Large, firm, white heads. Late; sure-heading; long-keeping. **Pkt. 10 cts., ¼oz. 30 cts., oz. $1.00, ¼lb. $3.00, lb. $10.00.**

Beckert's Early Snowball Cauliflower

CHIVES

Stems have a pleasing pungent flavor; chop into small pieces and use in salads and for garnishing.

CHIVES SEED. (Crop short.) **Pkt. 10 cts.**

PLANTS. Per bunch 15 cts., per dozen $1.50, postage extra.

Witloof Chicory

CHICORY

WITLOOF, or **French Endive.** A winter salad, most delicious served with French dressing and eaten like cos lettuce. The seed should be sown in the open ground not later than June, in drills 12 to 18 inches apart, thinning out the plants so that they will not stand closer than 3 inches. The plant forms long, parsnip-shaped roots, which should be lifted in the fall, cutting off the leaves about 1½ inches from the neck and shortening the roots by cutting off the bottoms to within 8 inches of the neck. The roots should then be planted in a trench 16 to 18 inches deep in a dark, warm cellar or under a greenhouse bench, and placed upright about 1½ to 2 inches apart, which will allow the neck of the root to come within 9 inches of the level of the trench. The trench should be filled with a light soil and if a quicker growth is desired, this can be accomplished by a mulch of fresh manure, about 2 feet deep. It requires about one month to force the roots. **Pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.00.**

Roots, for forcing. Prices quoted on request.

LARGE-ROOTED MAGDEBURG. Sow early in spring, in good, mellow soil, in drills ½inch deep and 12 inches apart. Dried and pulverized roots are used as a substitute for coffee. **Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.65.**

CORN SALAD

Sow the seed thickly in shallow drills in September, and firm the soil well down above it, if the weather be dry. Highly appreciated, and much grown where other salads and lettuces do not succeed. Prepared in the same manner as lettuce and makes an excellent dish. An ounce of seed will sow a bed 20 feet square.

LARGE-SEEDED. Has large, tender leaves. **Pkt. 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.**

CRESS

Excellent spicy spring salads. Pepper Grass should be sown thickly in shallow drills in early spring, and at intervals for continued supply, as it soon runs to seed.

EXTRA-CURLED, or **Pepper Grass.** Of pleasant pungent flavor; the leaves can be cut several times. **Oz. pkt. 10 cts., ¼lb. 30 cts., lb. 90 cts.**

WATER CRESS. Small, oval leaves; very tender, crisp and pleasantly spicy when young. Plants of dwarf, spreading habit. A perennial aquatic, which grows well in any running stream. **Pkt. 15 cts., oz. 75 cts., ¼lb. $2.00, lb. $7.50.**

Wonderfully good results may be had by sowing Beckert's Evergreen Lawn Grass Seed. See page 2

SWEET or SUGAR CORN

As a typical American, Sweet Corn likes plenty of heat at all stages of development, and the seeds should not be planted until the ground becomes thoroughly warm, generally the last week in May in this section. While many home-gardeners still adhere to the time-honored practice of planting Corn in hills, the modern way of sowing the seeds in straight rows, dropping the kernels 4 inches apart and covering them 2 inches deep, is productive of far more attractive yields in the home garden.

When the seedlings are from 6 to 8 inches tall they should be thinned out to stand about a foot apart in the row. Never plant Sweet Corn, in long, single rows but rather in blocks of six or more short rows, allowing 2½ to 3 feet between the rows, according to variety. Early in the season, the space between the rows may be utilized by quickly maturing crops such as green onions, radishes, spinach, etc. Slight hilling of the rows will serve to help the Corn stand up against high winds and will also prove instrumental in keeping the cultivator the proper distance from the base of the plants from which extend the top feeding roots which should never be disturbed.

For a constant supply of Sweet Corn from late in July until frost, the home gardener has the choice of pursuing two courses. He may either select a number of varieties maturing in succession, planting them all at one time, or make repeated sowings of one and the same variety at intervals of a week up to July 4, when an early variety is used, and up to the middle of June with the late varieties. One pound of seed will plant 200 hills or sow about 250 feet of running row; 12 to 15 pounds will sow an acre.

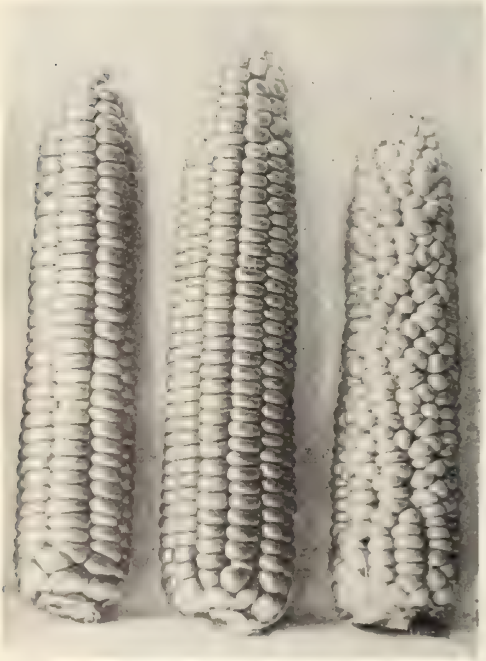
THE FINEST YELLOW VARIETIES

BARDEN'S WONDER BANTAM. Truly a wonderful combination of timely, delicious sweetness in generous size. Growing on stocks 5 to 6 feet high, it develops ears 8 to 10 inches in length, filled with 8 rows of rich golden kernels. Of the many recent developments in yellow Sweet Corns, we consider this the best. Plant it for first early and follow it with Beckert's Golden Evergreen. **Pkt. 15 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

BECKERT'S GOLDEN EVERGREEN. This splendid variety is the result of a cross between Golden Bantam and White Evergreen. Introduced by us in 1917, it has filled a long-felt want for a large-eared yellow variety with the true Bantam flavor. The originator claimed that it was "the one best Sweet Corn," and hundreds of planters will now testify that he knew what he was talking about. Beckert's Golden Evergreen combines the delicious flavor of Golden Bantam with the evergreen habit of White Evergreen. It is ready for the table about a week after Golden Bantam, but the ears are much larger, being 8 to 10 inches long, with 12 or 14 rows of deep sugary grains, just the right size for eating off the cob.

It is a true evergreen, for the ears remain green and edible for more than two weeks from any planting, and stay in the roasting-ear stage for a month from late plantings. The husk is abundant, to protect the ears from corn-worm and smut, and this variety is rarely affected by either. Hardy in the seed, it may be planted early; having a strong root system, it is drought-resistant to an unusual extent. If planted about July Fourth, the best roasting-ears of the season may be gathered from the middle of September until killing frost, late in October. Beckert's Golden Evergreen is particularly suitable for market gardeners who have a discriminating trade. There has never been enough seed to supply the constantly growing demand. Order early. **Pkt. 15c., ½lb. 30 cts., lb. 50 cts., 2 lbs. 90 cts., 5 lbs. $2.10, 10 lbs. $3.75.**

A typical stalk of Beckert's Golden Evergreen



From left to right, Golden Bantam, Golden Evergreen and Golden Cream

GOLDEN BANTAM. The first of the yellow Sweet Corns to mature, and still the standard of quality for all Sweet Corns, although it has been in cultivation for nearly twenty years. From early plantings, Golden Bantam is ready for the table in 65 to 75 days, depending on the weather, and it may be planted for succession every week or ten days from the last of April up to mid-July. While the ears are small, averaging 5 to 6 inches in length on good soil, they surely are of unsurpassed flavor. The true type always has eight rows of broad, golden yellow grains. Golden Bantam thrives on a great variety of soils and in practically all sections of the country. It is uniformly prolific, producing two or more ears to the stalk. We offer a very select stock of the true Golden Bantam. **Pkt. 15 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

WHIPPLE'S EARLY YELLOW. This is another new yellow variety and is double the size of Golden Bantam and only a few days later. The ear is 7 to 8 inches long and carries 12 to 16 rows of large kernels. Stalks are quite tall and often produce two ears. **Pkt. 15 cts., ½lb. 30 cts., lb. 50 cts., 2 lbs. 90 cts., 5 lbs. $2.00, 10 lbs. $3.75.**

GOLDEN CREAM. This is the late quality standard among the yellow Sweet Corns. In season it is a few days later than Beckert's Golden Evergreen, while in size of stalk and ear it closely resembles Golden Bantam. From one of its ancestors, Country Gentleman, it has inherited the irregular or "shoe-peg" arrangement of kernels, so might be called the Yellow Shoe-Peg Corn. The kernels are deep golden in color, and exceedingly rich and sweet in flavor. **Pkt. 15 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.50, 10 lbs. $2.75.**

THE CHOICEST WHITE SWEET CORN

While the yellow varieties of Sweet Corn described on the preceding page have made rapid strides in popular favor, the white sorts offered on this page are still considered the standard and will continue to be so for some years to come. We offer a comprehensive assortment of quality kinds maturing in succession. Of course, quality in an extra-early variety should not be measured by the same standards as that of the later varieties. However, we do not offer a single variety which has not one good characteristic or another.

THE EARLIEST WHITE SORTS

BECKERT'S EARLIEST. This is the first of all Sweet Corns to produce ears for the table, earlier even than Mammoth White Cory, Premo, Golden Bantam, and other extra-early sorts. Moreover, it is of very good quality for such an early variety. It is dwarf in growth, with stalks about 4 feet tall, each usually bearing two good ears. The ears are 6 to 7 inches long, with 8 or 10 rows of broad, white kernels. **Pkt. 15 cts., ½lb. 30 cts., lb. 50 cts., 2 lbs. 90 cts., 5 lbs. $2.00, 10 lbs. $3.75.**

ADAM'S EXTRA-EARLY. Not a true Sweet Corn, but useful in some sections on account of its hardiness, as it can be planted a week or so earlier, and matures where the seasons are too short for any of the real Sweet Corns. **Pkt. 10 cts., ½lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. $1.25, 10 lbs. $2.35.**

ARISTOCRAT. About a week later than Mammoth White Cory; ears larger, being uniformly 8 inches long with 10 rows of very broad, deep kernels, on a red cob. Kernels tinged with red when ripe but pure white in the eating stage and very sweet. Aristocrat is the best of the red cob varieties. **Pkt. 10 cts., ½lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts., 5 lbs. $1.25, 10 lbs. $2.35.**

PREMO. One of the earliest of the true Sugar Corns. Ears 8-rowed and of fair size; quality good. **Pkt. 10 cts., ½lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts., 5 lbs. $1.25, 10 lbs. $2.35.**

MAMMOTH WHITE CORY. This is, without a doubt, the earliest Sweet Corn that develops an ear of good size and quality. Maturing with Premo, it is earlier and of better quality than the old-fashioned Cory, while the ears grow 7 to 8 inches long, with 10 or 12 rows of sweet, white kernels, and are generally produced two on a stalk. For extra-early market or for first in the home garden, Mammoth White Cory is unexcelled. **Pkt. 10 cts., ½lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts., 5 lbs. $1.25, 10 lbs. $2.35.**

EARLY MAYFLOWER. Very similar to Mammoth White Cory, and a popular variety in some sections. **Pkt. 10 cts., ½lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts., 5 lbs. $1.25, 10 lbs. $2.35.**

SECOND-EARLY VARIETIES

WHIPPLE'S EARLY. A new Sweet Corn of great merit. Large ears of the Evergreen type, maturing ahead of Howling Mob. **Pkt. 15 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

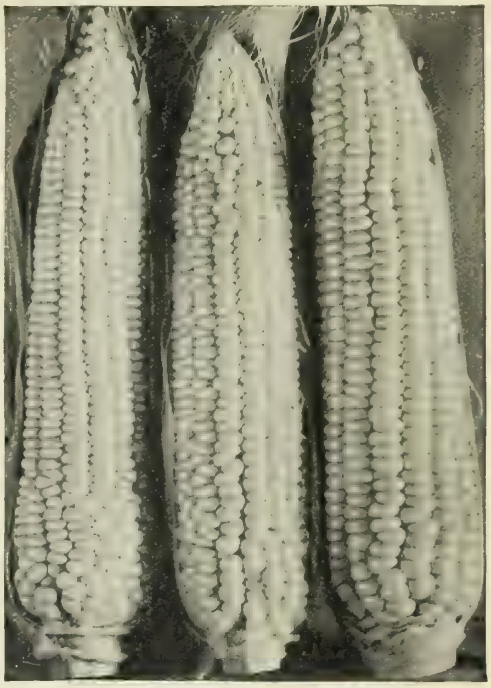
KENDEL'S EARLY GIANT. A few days later than Aristocrat, with 12-rowed ears averaging 8 to 9 inches long. A popular market variety. **Pkt. 10 cts., ½lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts., 5 lbs. $1.25, 10 lbs. $2.35.**

HOWLING MOB. A splendid second-early, producing large ears of handsome appearance and the very finest quality. Vigorous and productive; ears 9 to 10 inches long and 16-rowed; a trifle later than Kendel's Giant. The best second-early for the home garden and a fine Corn for every purpose. **Pkt. 10 cts., ½lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts., 5 lbs. $1.25, 10 lbs. $2.35.**

BLACK MEXICAN. A second-early Sweet Corn with bluish black grains when ripe. In the eating stage, before the kernels begin to show any color, it is of superlative quality, with a rich, almost "musky" flavor. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

The terms "early" and "late," as applied to Sweet Corn and other vegetables, are sometimes misleading. An "early" variety is one that matures its crop quickly while a "late" variety requires a longer growing season. Consequently, a "late" variety must usually be planted early while an "early" kind may be planted later and still produce a crop before frost. Among the Sweet Corns any of the earliest white sorts may be sown in this latitude as late as July 10; the second-earlies should be sown not later than June 25; and the main-crop not later than June 15. The varieties on this page are listed as nearly as possible in the order in which they would mature if planted at the same time.

White Evergreen. The late quality standard



Howling Mob. A fine second-early

MAIN-CROP AND LATE SWEET CORNS

EARLY MAMMOTH. A few days earlier than Late Mammoth; ears as long but more tapering. **Pkt. 10 cts., ½lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts., 5 lbs. $1.25, 10 lbs. $2.35.**

LATE MAMMOTH. The largest variety of Sweet Corn; ears 10 to 12 inches long, with 16 or 18 rows of broad grains of delicious flavor. **Pkt. 10 cts., ½lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts., 5 lbs. $1.25, 10 lbs. $2.35.**

EARLY EVERGREEN. The earliest of the Evergreen type. Ears nearly as large as those of Stowell's Evergreen. Kernels long and narrow; a favorite for canning. **Pkt. 10 cts., ½lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts., 5 lbs. $1.25, 10 lbs. $2.35.**

WHITE EVERGREEN. The finest strain of Stowell's Evergreen in cultivation. Very productive; ears exceedingly uniform, 9 inches long and 16-rowed; kernels a trifle broader and whiter than those of Stowell's. Quality is extra-fine. **Pkt. 10 cts., ½lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts., 5 lbs. $1.25, 10 lbs. $2.35.**

STOWELL'S EVERGREEN. An old favorite, the standard late Sweet Corn. Remains fit for use a long time. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

COUNTRY GENTLEMAN. The well-known "shoe-peg" Corn, noted for its superb quality. Good-sized ears densely filled with long, narrow kernels, which are irregularly placed on the small cob. Ready at the same time as Stowell's Evergreen. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.65, 10 lbs. $3.00.**

FOR FIELD CORN, SEE PAGE 35

Golden Self-Blanching Celery

CELERY

Celery can be grown in any garden soil, but the finest is produced in deep, mellow bottomland. Seed for early crops should be sown in hotbeds about March 15. The plants may be either thinned to give them room to grow, or transplanted to another bed to grow until it is time to plant them in the open ground. For main crop, seed should be sown in the open as soon as the soil and air are warm enough. They should be covered lightly, and firmly pressed into the earth with a board, if the soil is fine and mellow. The seed-bed must be kept free from weeds, and well watered in dry weather. When the plants are large enough, transplant them to shallow trenches or furrows, from 4 to 6 feet apart, according to the variety grown, setting the plants 6 inches apart in the rows and pressing the soil firmly around them. Blanching consists of drawing earth up to the stalks at intervals of about two weeks, until all but the tops of the plants are covered. Celery may be kept for winter use in cellars, or in deep, narrow trenches, in a dry situation; the latter must be covered with boards, with sufficient soil and manure on top to keep out the frost, leaving openings at short distances for ventilation in mild weather. An ounce of seed will produce about 2,000 plants.

EASY BLANCHING. This splendid Celery has come to the front very rapidly the last few years. Its outstanding characteristic is the remarkable ease with which it blanches, while at the same time it is suitable both for early use and for winter keeping—valuable qualities which recommend it strongly to amateur as well as professional growers. In growth it somewhat resembles the Golden Self-Blanching, having the same thick, healthy stalks and heavy heart. It is slightly taller, however, and a week to ten days later, also much hardier and *practically blight-proof.* The leaves are green and the stalks blanch white and brittle, with a rich flavor. We commend Easy Blanching to those who have had difficulty in growing Celery heretofore, in the assurance that their crops will equal in quality and appearance Celery grown by experts. **Pkt. 15c., ½oz. 40c., oz. 70c., ¼lb. $2.00, lb. $6.00.**

GOLDEN SELF-BLANCHING. *French Grown. Originator's Stock.* One of the finest early Celeries in cultivation. Semi-dwarf, vigorous in growth, with large, ribbed and rounded stalks that blanch to a beautiful golden yellow. Superior strain, entirely free from green and pithy plants. **Pkt. 15 cts., ½oz. 75 cts., oz. $1.25, ¼lb. $4.25.**

GOLDEN SELF-BLANCHING. *American Grown.* As now perfected, this compares very favorably with the imported strains. The difference in price is certainly worth consideration. We feel that this strain will meet all requirements of the home gardener, although the *ultra*-critical will want the original French-grown seeds. **Pkt. 15c., ½oz. 40 cts., oz. 70 cts., ¼lb. $2.00.**

GOLDEN PLUME. This new Celery has made a sensation among the market-growers who have tried it. Closely resembles Golden Self-blanching but matures a little earlier and blanches more readily. Moreover, it seems to be particularly resistant to Celery diseases. Has a large solid heart which blanches to a beautiful yellow. **Pkt. 25 cts., ½oz. $2.25, oz. $3.50.**

WHITE PLUME. Tall growing; extra-early Easily blanched, and one of the very handsomest sorts grown. In large plants the stalks, hearts, and inner leaves become white without any blanching. **Pkt. 10 cts., oz. 30 cts., ¼lb. $1.10, lb. $3.00.**

THE WINTER KEEPERS

BECKERT'S PERFECTION WINTER. Grows to good size; very brittle, and white; fine, nutty flavor. Its most valuable recommendation to growers is its remarkable keeping quality, as it can be stored until spring. **Pkt. 10 cts., oz. 50 cts., ¼lb. $1.60.**

COLUMBIA. A quick-growing variety, of medium height and stocky. Stalks thick and rich yellow when blanched. **Pkt. 10c., oz. 40c., ¼lb. $1.25, lb. $4.00.**

DWARF GOLDEN HEART. A stocky sort, blanching to a beautiful golden yellow. Keeps as well as the best and is of superb quality. **Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10, lb. $3.50.**

EMPEROR. A valuable new and distinct green Celery for winter use. Dwarf in habit, attaining a height of 15 to 18 inches. Stalks smooth and very thick. Blanches white with heart tinged yellow. In eating quality, it is absolutely unequalled, being unusually meaty and brittle with a very rich nutty flavor. **Pkt. 10 cts., oz. 80 cts., ¼lb. $2.75, lb. $8.00.**

GIANT PASCAL. The stalks are broad, thick, and about 2 feet high; blanches quickly; rich nutty flavor; tender, crisp and stringless. An excellent market Celery. **Pkt. 10 cts., oz. 30 cts., ¼lb. $1.10, lb. $3.00.**

WINTER QUEEN. Of medium height and strong, robust growth; stalks thick and heavy, with numerous hearts; perfectly solid, rich and of delicious nutty flavor; a fine winter keeper. **Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.**

STANDARD BEARER. A splendid red variety of compact and sturdy habit, robust growth and superior quality. The unique rich flavor of the red Celeries is highly appreciated by those who know it. **Pkt. 15 cts., ½oz. 50 cts., oz. 80 cts., ¼lb. $2.75, lb. $8.00.**

CELERIAC, or TURNIP-ROOTED CELERY

Sow in early spring; transplant the seedlings in May. They will be ready for cooking in October, and may be preserved in dry sand for use during winter. Celeriac is said to be as fine a nerve-tonic as celery, and can be grown in many sections where celery-culture is practically impossible.

PRAGUE GIANT. The roots are large and smooth. When young, they are quite tender and marrow-like, having a very fine flavor and cooking quickly. **Pkt. 10 cts., oz. 30 cts., ¼lb. 80 cts., lb. $2.75.**

Emperor. Supreme in quality

Garden-making is not difficult, nor is it tedious, if you have the right kind of tools. You will find many handy tools offered on pages 84 to 88.

THE CHOICEST CUCUMBERS

Every garden, no matter how small, should have its own pickle patch. Cucumber vines are easily restricted to small space where they will yield surprising quantities of fruits, providing a few easily followed suggestions are kept in mind.

Cucumbers are warmth-loving plants, and the seeds should not be planted until the weather has become thoroughly warm and settled. They prefer a light, mellow soil, well enriched, in hills. The Cucumber plants have a very compact root system and straight tap-roots that go right down into the hills, hence any fertilizer scattered about the top is wasted.

Sow any time after Decoration Day, in hills about 3 feet apart each way, scattering about 8 to 10 seeds to a hill, and covering them lightly. As soon as seedlings appear, be on the lookout for the little striped beetle which is a ravenous feeder and will destroy a Cucumber patch within a week if not combated. Slug-Shot is perhaps the most popular remedy to sprinkle on the seedling plants. When these form the third pair of leaves, the danger of insect pests is generally past, and the plants should be reduced to three of the strongest per hill. From the time that the vines begin to run, to the time you begin gathering the Cucumbers, the patch should be disturbed as little as possible.

For a succession, seeds of pickling varieties may be sown at intervals of two weeks up to middle of July. The large-growing varieties, like Davis Perfect and Fordhook Famous, do best during the early spring and cool fall months. If fruits are gathered regularly and before they turn yellow, the vines will continue to bear during a long period. One ounce of seed will plant about 100 hills.

Davis Perfect Cucumbers

BLACK SPINE CUCUMBERS

IMPROVED LONG GREEN. Leading long sort, and excellent for pickles. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

JAPANESE CLIMBING. Fruits almost straight, large and from 12 to 16 in. long; skin dark green; flesh thick. A profitable variety as it can be trained on walls or trellises. **Pkt. 10 cts., oz. 20 cts., ¼lb. 55 cts., lb. $2.00.**

PICKLING VARIETIES

More compact in habit of growth than the White Spine type, forming more leaf joints and bearing fruits of a shorter or more blocky shape. The plants are exceedingly free-flowering and, there being plenty of pollen available, the young fruits are set quite freely. Where the object is an abundance of small pickles, the varieties listed below deserve your preference. Where Cucumbers are wanted for slicing and pickling, any of the White Spines described opposite should be grown.

EARLY GREEN PROLIFIC, or **Boston Pickling.** The name well describes this variety. It is free bearing and the fruits are of very symmetrical shape at all stages. **Pkt. 10c., oz. 15c., ¼lb. 45 cts., lb. $1.25.**

SNOW'S PERFECTION PICKLE. The best-formed and productive pickling sort; early, small square-ended and dark green. **Pkt. 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.25.**

EVERBEARING. One of the best producers of large quantities of handsome pickles. If picked regularly, vines will bear a long time. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

JERSEY PICKLING. Wonderfully productive; deep green; small and uniform in size. **Pkt. 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.25.**

WEST INDIA GHERKIN. Small, rough, prickly fruits, used for pickling. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $2.00.**

ENGLISH FRAME CUCUMBERS

These varieties are grown in hotbeds or houses where the temperature does not fall below 65 degrees at night. The fruits are long, and handsome, frequently growing 20 to 30 inches long.

Improved Telegraph **Worthing Favorite**
Lockie's Perfection

Each, per pkt. of 10 seeds, 30 cts.; pkt. of 25 seeds, 60 cts.; 100 seeds. $2.00

WHITE SPINE TYPE

In this class we find the most popular varieties since they are suitable for both slicing and growing pickles. The sorts offered below vary largely in season of bearing and size of fruit.

EARLIEST OF ALL. The earliest White Spine Cucumber and very prolific. The fruits grow 7 inches long, very full and uniform in shape, with blunt ends and good deep green color, and are produced in profusion at least a week ahead of any of the other White Spine varieties. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

ARLINGTON, or **Improved White Spine.** Prolific and early; fruits smooth, about 7 inches long, rounded at both ends and of a bright deep green color; used for forcing, and for outdoor culture. **Pkt. 10c., oz. 15c., ¼lb. 50c., lb. $1.50.**

EARLY FORTUNE. Fruit very dark green, uniformly cylindrical in shape, and about 9 inches long. Flesh thick, fine-grained, crisp, and of fine quality. Extra-early, disease-resistant and extremely productive. Retains its color for a long time; a good shipper and very profitable market variety. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

DAVIS PERFECT. Fruit long and slim, tapering at both ends; color rich, dark glossy green, retaining this color until nearly ripe; flesh is tender, crisp, and of fine flavor; few seeds. Very early and a splendid forcing variety. **Pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts., lb. $1.75.**

HENDERSON'S PERFECTED WHITE SPINE. A heavy-bearing main-crop sort, with round thick square-ended fruits, 8 inches long. Good dark color. **Pkt. 10 cts., oz. 20 cts., ¼lb. 55 cts., lb. $1.75.**

EXTRA-LONG, or **Evergreen White Spine.** Smooth, dark green cylindrical fruits, attaining a length of 10 to 12 inches. Midseason. A most attractive variety and one of the best for slicing. **Pkt. 10 cts., oz. 20 cts., ¼lb. 55 cts., lb. $1.75.**

FORDHOOK FAMOUS. The largest of the White Spine family. Fruits 14 inches long, smooth, and dark green; very productive. **Pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.00.**

FORCING WHITE SPINE. A select strain particularly adapted for culture under glass. **Pkt. 25 cts., ½oz. 75 cts., oz. $1.35, ¼lb. $4.50.**

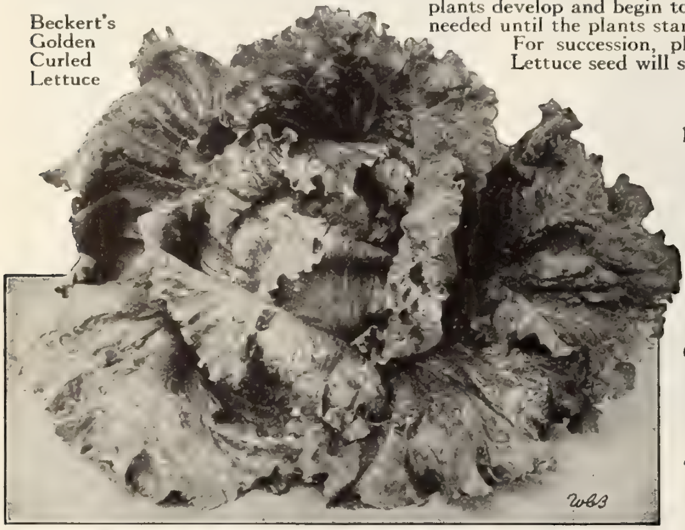
Snow's Perfection Pickle

LETTUCE

The secret of success with Lettuce lies in the correct selection of varieties for different seasons and in the timely thinning out of the seedlings so as to permit of their perfect development. Lettuce prefers a fine, moderately rich soil and plenty of cultivation. Although it thrives best in cool, moist weather, it will stand a surprising amount of dry weather if the ground is kept in a finely pulverized condition.

There are four classes of Lettuce. The *loose-leaved* or cutting varieties do not form solid heads but make large clusters of tender leaves and are good, thrifty growers. The *butterhead* Lettuces make good-sized, solid, round heads, like little cabbages, with the inner leaves blanched to a light buttery yellow. They do not, as a rule, thrive in hot weather. The *crisphead* Lettuces make large, semi-solid heads, blanched to white in the center, and are the best varieties to grow in warm weather. The *Cos* or *Romaine* Lettuces are distinguished by their long, narrow leaves and are particularly resistant to drought and heat.

The first sowing of Lettuce may be made outdoors about the middle of April, at which time the loose-leaf or early butterhead varieties do best. Sow the seed in rows 2 feet apart and the seedlings should be thinned out as soon as they are about 2 inches tall to stand 3 to 4 inches apart in the row. As they transplant readily, the seedlings removed in thinning may be reset in another part of the garden. As the plants develop and begin to touch each other, remove every other one and continue to thin as needed until the plants stand 14 to 18 inches apart and you can get between them with the hoe. For succession, plant the late butterhead or crisphead varieties. A half-ounce of Lettuce seed will sow 100 feet of row and produce about 1,500 plants.


Beckert's Golden Curled Lettuce

LOOSE LEAF VARIETIES

BECKERT'S GOLDEN CURLED. (See illustration.) The best Lettuce in its class for spring and early summer crops. It grows rapidly and forms immense loose heads of tender, nicely curled, light yellow leaves. Its quality is excellent, always crisp and refreshing, even in warm weather. Beckert's Golden Curled is, in our estimation, *the finest home-garden Lettuce.* **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $2.00.**

BECKERT'S BROWN CURLED, or Chartier. This Lettuce is very much like Beckert's Golden Curled, except in color. The leaves are deeply tinged with reddish brown and of the best quality. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $2.00.**

GRAND RAPIDS FORCING. The leading variety in its class for forcing and also a good variety for extra-early outdoor gardening. Grand Rapids forms large, loose bunches of thin, bright green leaves, finely crumpled and fringed, handsome in appearance and of very good quality. *Our stock of this fine Lettuce is extra choice.* **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $1.75.**

THE MORSE. A vigorous grower, suitable for forcing as well as outdoors. It makes good-sized, compact clusters of crisp, tender, somewhat crumpled leaves, light green outside and blanched to a beautiful light yellow in the center. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $1.75.**

EARLY CURLED SIMPSON. A favorite home-garden Lettuce, growing quickly and producing broad, light green leaves, crumpled and fringed, of fine quality. Often sown broadcast and the leaves cut when quite young. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

BLACK-SEEDED SIMPSON. A rapid grower, standing heat and drought well and forming large bushy plants. The leaves are light yellowish green, much crumpled and fringed, crisp and of best quality. Always reliable. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

PRIZE HEAD EARLY. Not a true head Lettuce; produces a large bunch of tender, crumpled and frilled leaves, heavily tinged with brown. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $1.75.**

EARLY BUTTERHEAD LETTUCES

These varieties are good for both very early spring and fall sowing. They are quick growers, requiring cool weather for their best development. Make the first sowing as soon as the ground can be prepared in the spring and, for a fall crop, sow again after the middle of July.

BIG BOSTON. The solidity and large size of the heads make Big Boston the leading Lettuce for forcing and early crop in the North, while it is grown in enormous quantities in the South during the winter months for shipment to northern markets. The heads often measure 10 inches across; the outer leaves are light green, lightly tinged with brown at the edges; the inner leaves are beautifully blanched and of excellent quality. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $2.00.**

MAY KING. Equally fine for forcing and outdoors; of medium size and practically all head; yellowish green in color with the heart blanched to a rich golden yellow. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $2.00.**

WAYAHEAD. A very rapid grower and a sure header. It produces handsome, medium-sized, solid heads of the finest quality. Fine for the home-garden. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $2.00.**

BLACK-SEEDED BIG BOSTON. A variety somewhat similar to Big Boston. Forms large, solid heads; crisp and tender; slow to seed. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $2.00.**

ALL-HEART. A select strain of the variety, also known as Salamander and Black-seeded Tennisball. Although it is very early and a splendid spring Lettuce, it might also be classed as a midseason sort for it resists heat well and will head under very unfavorable conditions. The heads are medium in size, light green, compact and of the best quality. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $2.00.**

All-Heart Lettuce

MIDSEASON BUTTERHEADS

ALL SEASONS. Easily the most reliable midsummer Butterhead Lettuce. It even surpasses in "standing" qualities some of the crisphead Lettuces described on the next page. Fully developed heads average 10 to 12 inches in diameter, and, while the outside leaves are a rather dull green, the inside of the heads blanches to a most appetizing yellow. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $2.00.**

MAMMOTH BLACK-SEEDED BUTTER. Enormous heads of broad, crumpled leaves. Good early or late but, being very heat-resistant, it is particularly valuable as a summer Lettuce and its quality is excellent even in the hottest weather. **Pkt. 10c., oz. 20c., ¼lb. 75c., lb. $1.75.**

UNRIVALED SUMMER. Makes large, compact, buttery heads of fine quality. Resembles Big Boston but is suitable for planting at all seasons. **Pkt. 10 cts., oz. 25 cts., ¼lb. 90 cts., lb. $2.50.**

Iceberg Lettuce

CRISPHEAD LETTUCE

After the middle of May, sow either Crisphead or Cos Lettuces. These two classes will stand heat best of all, especially the Crispheads, some of which will rot before allowing a seed-stalk to appear. The outer leaves of the Crisphead Lettuces have strong, incurved midribs which protect the inner leaves from the sun. The heads are large, quite compact, and blanched to a silvery white within.

ICEBERG. The earliest and one of the largest headers in its class. Ready in about 65 days from sowing. The heads are solid, 6 to 8 inches in diameter, very crisp and tender. A fine hot-weather Lettuce for the home garden. **Pkt. 10 cts., oz. 25 cts., ¼lb. 90 cts., lb. $2.50.**

HANSON. A very reliable variety under all conditions. Large heads with light silvery green leaves; sweet and crisp. Good for both market and home garden. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $2.00.**

NEW YORK, or WONDERFUL. The most popular Lettuce of its type; grown in enormous quantities for market. Large heads, requiring about 80 days to reach full size; outer leaves deep green, heads hard and blanched white within; crisp and of finest flavor. Our stock is extra-fine. **Pkt. 10 cts., oz. 30 cts., ¼lb. $1.00, lb. $3.00.**

CRISP-AS-ICE. A very compact, bronze-green sort, of delicious flavor and great hardiness. **Pkt. 10 cts., oz. 25 cts., ¼lb. 90 cts., lb. $2.50.**

COS LETTUCE

Also known as Celery Lettuce and Romaine Salad. They produce loose heads of long, narrow leaves, which are blanched by tying them together at the top.

TRIANON, or PARIS WHITE FOLDING. A very heat-resistant variety. Long, sugar-loaf-shaped heads of very superior quality. **Pkt. 10 cts., oz. 25 cts., ¼lb. 90 cts., lb. $2.50.**

LEEKS

Leeks, as a salad, are simply delicious. Boil the white part of the stalks until tender. Then cool and cut into 2-inch pieces; add French salad dressing and serve moderately cold. Used also for seasoning soups and boiling with meats. The seed, which proves Leeks a member of the onion family, should be sown in hotbeds in early spring, and the seedlings transplanted later to the open ground, 4 to 6 inches apart, in rows from 12 to 15 inches apart. For winter supply sow seed in the open ground in early spring, and thin the seedlings until they have room for development, or transplant them as above. Store like celery for winter. An ounce of seed will sow about 100 feet of drill.

AMERICAN FLAG. The variety most extensively cultivated. Stalks early and large. **Pkt. 10 cts., oz. 30 cts., ¼lb. 85 cts., lb. $2.75.**

GIANT CARENTAN. Stalks thick and short; hardy and mild-flavored. **Pkt. 10 cts., oz. 30 cts., ¼lb. 85 cts., lb. $2.75.**

American Flag Leek. A great delicacy

KOHLRABI, or TURNIP-ROOTED CABBAGE

Very palatable when prepared for the table like turnips. Kohlrabi, however, is way ahead of turnips in quality, while young. Besides, it keeps better on account of its thick skin. The best time to use Kohlrabi is when the roots average 2 to 2½ inches in diameter. If the weather is favorable, the seed should be sown in April, in rows 18 inches apart, and the seedlings thinned to stand 4 to 6 inches apart. They are fit for use when 2 to 3 inches in diameter. For late crops, sow seed in June or July. An ounce of seed will produce 2,500 plants.

EXTRA-EARLY WHITE VIENNA. The earliest variety. The plants grow rapidly and mature fine, round, white bulbs, with tender and delicately flavored flesh. This is an excellent forcing strain with very small foliage. **Pkt. 10 cts., oz. 25 cts., ¼lb. 90 cts., lb. $2.50.**

EARLY PURPLE VIENNA. Supposed to resist heat better than the White Vienna. Bluish purple roots; flesh white and tender. A very reliable sort. **Pkt. 10 cts., oz. 25 cts., ¼lb. 90 cts., lb. $2.50.**

WHITE GOLIATH. A heat resisting variety, producing large bulbs of good quality. **Pkt. 10 cts., oz. 25 cts., ¼lb. 90 cts., lb. $2.50.**

Early Purple and White Vienna Kohlrabi

> There is no economy in buying cheap seed, for cheap seed is generally poor seed and poor seed means poor crops—despite the labor wasted on them.

A few splendid "Eggs" of Black Beauty as grown by one of our customers

EGGPLANT

Sow the seeds in hotbeds in early March, and transplant to small pots, to make them strong and stocky. They should not be planted out until May or June, when the weather becomes warm and settled. Set the plants in rows 3 feet apart each way and give them thorough cultivation. An ounce of seed will produce 1,000 plants. Rich soil is necessary to grow good Eggplants. It pays to dig a shovelful or two of old manure in each hill when setting out the plants.

BLACK BEAUTY. Fruit broad and thick; lustrous purplish black in color; very productive; of excellent quality. **Pkt. 15 cts., oz. 50 cts., ¼lb. $1.75, lb. $5.00.**

NEW YORK IMPROVED SPINELESS. A strong and productive sort. Fruits deep purple, large, smooth, free from thorns; flesh white, tender. **Pkt. 10 cts., oz. 50 cts., ¼lb. $1.75, lb. $5.00.**

ENDIVE

This is an important fall and winter salad. For the early crop, the seed should be sown in April, in drills 15 inches apart, and the seedlings thinned to stand 12 inches apart in the rows. Sowings for the main crop may be made in June and July, as the vegetable is used principally in fall and winter. The inner leaves are blanched by tying the tips of the outer ones together, or by laying boards over the plants. An ounce of seed will sow 150 feet of drill.

LARGE GREEN CURLED (Ruffec). (See illustration.) Dark green leaves, beautifully curled and, when blanched, very crisp and tender; ready for use earlier than other sorts. Our strain is extra fine. **Pkt. 10 cts., oz. 25 cts., ¼lb. 70 cts., lb. $2.25.**

MOSS CURLED. This variety has very finely curled leaves; tender and excellent quality. **Pkt. 10 cts., oz. 25 cts., ¼lb. 70 cts., lb. $2.25.**

WHITE CURLED. Has tender, curly leaves of silvery green. The inner leaves blanch themselves. **Pkt. 10 cts., oz. 25 cts., ¼lb. 70 cts., lb. $2.25.**

GIANT FRINGED. A very strong-growing variety. Broad stems and large white heart. Good for fall and winter. Fine in appearance and quality. **Pkt. 10 cts., oz. 25 cts., ¼lb. 70 cts., lb. $2.25.**

BROAD-LEAVED BATAVIAN (Escarolle). The broad, thick leaves make excellent salads when blanched. **Pkt. 10 cts., oz. 25 cts., ¼lb. 70 cts., lb. $2.25.**

DANDELION

An early spring salad. Sow early in spring in drills 12 inches apart, and thin out to 6 inches in the row.

IMPROVED FRENCH THICK-LEAVED. Pkt. 15 cts., ¼oz. 40 cts.

Large Green Curled Endive

HORSE-RADISH ROOTS

Plant the roots in early spring, in rich, moist soil, laying them at intervals of about 12 inches in shallow furrows 2 to 3 feet apart. Cultivate frequently until the tops shade the ground, after which no further attention, except an occasional weeding is necessary. The crop is usually dug in late fall, and stored in pits if not wanted for immediate use.

MALINER KREN, or **Bohemian.** An improved variety that is free from disease, grows quickly and produces roots of enormous size. **Doz. 40 cts., 100 roots $2.50. Write for prices on larger quantities.**

Dwarf Green Curled Kale

KALE, or BORECOLE

An ounce of seed will sow about 200 feet of drill.

DWARF GREEN CURLED SCOTCH. Seldom exceeds 18 inches in height, but rounds out to a diameter of 3 feet. The leaves are bright green, tender, and elegantly curled. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

DWARF SIBERIAN. Very hardy. Generally sown broadcast, but can be sown in drills a foot apart in August. Leaves scalloped along the edges. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

MOSBACH WINTER. In height medium between Tall and Dwarf Scotch. Leaves yellowish green, bent upward, and curled on the margins. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

TALL GREEN CURLED SCOTCH. Hardy, growing 2 feet or more in height, with recurved, spreading, deep green, curly leaves. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

MUSKMELONS (Cantaloupes)

Muskmelon seed should not be planted outdoors until the ground has become warm and dry. The hills should be about 6 feet apart, and carefully prepared. Rich earth is far better for the young plants than manure; but, if the latter must be used, see that it is well rotted. Plant from 6 to 12 seeds in a hill. As soon as the vines begin to run, it pays to go over the patch and spray it with Bordo-Lead. The Bordo will counteract any blight while the Lead will effectively stop any foliage-eating beetles. Should the little seedlings be attacked by the little striped beetle, which is also a frequent visitor to the cucumber patch, sprinkle slug-shot over the seedlings. One ounce of seed will plant about 100 hills.

THE BEST GREEN-FLESHED SORTS

EXTRA-EARLY KNIGHT. Repeated trials have served only to confirm what we claimed for this splendid new Melon when we first offered it to our customers in 1920. It is the earliest, high-quality Melon for the northern states and can be depended upon to mature fine eating Melons when all other varieties fail. Under ordinary conditions, the first fruits will ripen in 90 days from the time the seed is sown. Extra-early Knight Melons are oblong in shape, averaging 6 inches long by 4 inches through, with very small seed cavities and thick, green flesh of a most delicious sugary and aromatic flavor. The skin is deep green, turning to golden at maturity, well covered with a close, gray netting and distinctly ribbed. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

NETTED GEM. The original Rocky Ford Melon. A very prolific variety; small, oblong fruits deeply ribbed and well netted; small seed cavity; light green flesh of the very finest quality. **Pkt. 10c., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

GOLD-LINED ROCKY FORD. An extra-select strain. Small, spherical fruits, very uniform in shape and size, smooth, showing no ribs and covered with a dense, gray netting. The meat is thick and sweet, green with a golden salmon lining next the seed cavity. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

Tip-Top Muskmelons

Extra-Early Knight Muskmelon

CHAMPION MARKET. This might be described as a glorified Rocky Ford—in size if not in quality. The fruits are nearly round, slightly ribbed and densely netted, averaging 6 to 8 pounds in weight. The thick, light green flesh is of delicious quality, which it maintains even after becoming over-ripe. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

PROLIFIC NUTMEG. An early Melon of medium size; fruits round, flattened at the ends, finely netted; flesh bright green, and sweet. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

EXTRA-EARLY HACKENSACK. An unusually large Melon, maturing at the same time as Rocky Ford. Fruits round, ribbed and coarsely netted; flesh green, thick and of fine quality. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

HONEY DEW. This distinct Melon of the Casaba type will average 8 pounds in weight and 7 inches in diameter; rind smooth, without any netting, thin but tough; flesh light green and of a distinct honey-sweet flavor. An excellent shipping and keeping Melon. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $1.75.**

SALMON-FLESHED SORTS

GOLDEN CHAMPLAIN. One of the earliest and hardiest, as well as one of the most productive and best quality Melons in cultivation. Fruits of medium size, and nearly spherical, with well-netted skin and deep golden flesh. Our seed comes direct from the originator, representing his finest selection of the true Golden Champlain. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $2.00.**

EXTRA-EARLY OSAGE. A week to ten days earlier than the old type of Osage, or Miller's Cream, slightly smaller but otherwise similar. The fruits are oval in shape, dark green, slightly ribbed and fairly netted; the flesh is exceedingly thick, rich orange in color, and of the highest quality. Being nearly as early as Extra-Early Knight, this is one of the most satisfactory home and market melons for this latitude. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $1.75.**

EMERALD GEM. An old standby. Extra-early; slightly flattened in shape; distinctly ribbed and lightly netted; flesh deep salmon-orange, thick and very sweet. A fine Melon for home-gardens and local markets. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

FORDHOOK. Small, flattened fruits, ribbed and heavily netted; seed cavity small; flesh orange-yellow, very solid and thick, surprisingly sweet in flavor; early and prolific. **Pkt. 10 cts., oz. 15c., ¼lb. 50 cts., lb. $1.50.**

BURRELL'S GEM, or Defender. Resembles Netted Gem, but is slightly larger and the flesh is deep salmon clear to the rind. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.25.**

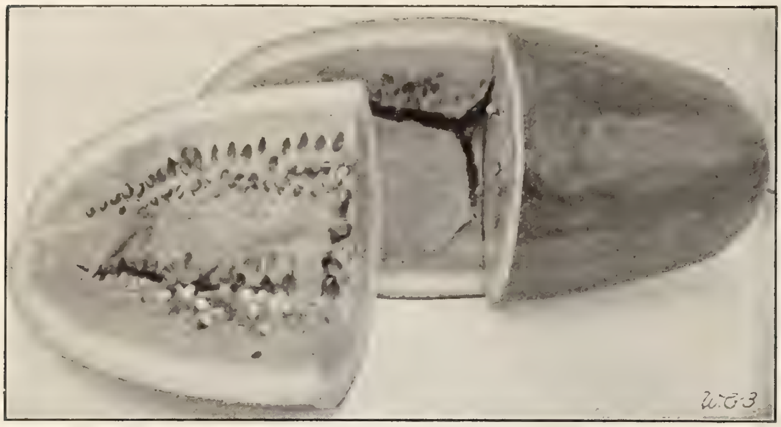
PAUL ROSE. An old variety; oblong in shape and of good size; flesh solid and deep orange in color; stands shipping well. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

TIP-TOP. The standard of quality in large-fruited salmon-fleshed Muskmelons. The fruits vary from round to oblong, ribbed and lightly netted; the flesh is deep yellow, very juicy but always firm and of delicious flavor. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. $2.00.**

WATERMELONS

Good Watermelons—better in quality than those shipped in from outside—can be grown in this latitude, providing the necessary steps are taken to give the young plants a good start and keep them growing rapidly. A light, mellow soil in a sunny, sheltered spot is best. Plant the seeds in large hills, well enriched with rotted manure, and keep a mulch of strawy manure over the hills to preserve the moisture in hot weather. Sow 10 to 12 seeds in a hill and thin the plants to 4 of the strongest in each hill. All possible protection should be given the young plants; dry ashes or coal-dust sprinkled over the leaves will prevent the attacks of insects. The hills may be 6 to 8 feet apart; do not disturb after the vines begin to run.

EARLY FORDHOOK. This is the earliest of the really large Watermelons and the most satisfactory home-garden variety for this latitude. Well-developed specimens average 9 inches deep by 12 inches long. The skin is deep green with occasional stripes of a lighter shade; the rind is thin but tough; the flesh has a most appetizing bright red color and is very sweet. **Pkt. 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.**



Kleckley Sweets Watermelon

NEW IRISH GREY. A splendid shipping and table Melon; earlier than Tom Watson; fruits like Kleckley Sweets but with thin tough yellowish gray rind. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

KLECKLEY SWEETS. This is one of the most popular of the oblong, dark green, main-crop Watermelons, and probably the finest flavored variety in cultivation. Kleckley Sweets average 20 inches in length by 10 inches in diameter. Flesh bright scarlet, with a solid heart, crisp and remarkably sweet. **Oz. pkt. 10 cts., ¼lb. 35 cts., lb. $1.00.**

HALBERT HONEY. Resembles Kleckley Sweets in size, appearance and quality but is hardier and a better shipper. **Oz. pkt. 15 cts., ¼lb. 40 cts., lb. $1.25.**

TOM WATSON. The standard shipping Melon. Vigorous and productive, with large, long fruits; rind tough; flesh rich red, sweet and tender. **Oz. pkt. 10 cts., ¼lb. 35 cts., lb. $1.00.**

PEERLESS, or **Ice Cream.** Fruit medium size, oval, bright green, finely veined; flesh bright scarlet, crisp, tender and sweet. A very productive Melon, good for all purposes. **Oz. pkt. 10 cts., ¼lb. 35 cts., lb. $1.00.**

RED-SEEDED CITRON. Used for preserves, etc. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.25.**

MARTYNIA proboscidea. The seed-pods are excellent for pickling if gathered when tender and about half-grown. Sow the seed in May, in rows 3 feet apart, and thin the plants to stand 2 feet apart in the rows. **Pkt. 10 cts., oz. 50 cts.**

Mushroom grown from Pure-Culture Spawn

MUSTARD

The young and tender leaves of the Mustard are greatly relished as salads, or when cooked like spinach. The seed should be sown in shallow drills as early as the ground can be prepared in spring.

BECKERT'S PERFECTION PLUME. Dark green leaves finely curled, of the very best quality. Rather dwarf in growth. Prolific and long standing. **Pkt. 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.25.**

LONG-STANDING THICK-LEAF, or **Elephant Ear.** A strong-growing variety, producing extra-large leaves of a most appetizing pungency. May be sown either in early spring or in late summer for a fall crop. **Pkt. 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.25.**

GIANT SOUTHERN CURLED. Large curled leaves. **Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.**

WHITE LONDON. Grown for both leaves and seed. **Oz. 10 cts., ¼lb. 30 cts., lb. $1.00.**

MUSHROOM SPAWN

Few people realize how easy it is to grow Mushrooms, nor how extraordinarily tender and good fresh-pulled home-grown Mushrooms can be.

Pamphlet on Mushroom Culture free

PURE-CULTURE BRICK SPAWN. Selected with special reference to size, color and prolificness. We receive fresh lots at frequent intervals, and can supply the following colors: **White, Cream,** and **Light Brown,** in bricks weighing 1¼ to 1½ lbs. each; one brick will spawn 8 square feet of bed. **Per brick, 30 cts., 5 bricks $1.25, 10 bricks $2.30.**

NEW PROCESS DRIED BOTTLE SPAWN. Prepared in sterilized bottles by the most up-to-date laboratory methods, insuring extra vigor and purity, and then dried and sealed in pasteboard cartons, each of which will spawn 30 to 40 square feet of bed. **Per carton $1.00, 10 cartons $9.50.**

OKRA, or GUMBO

Used for seasoning soups and stews. Sow thickly in rich soil about the middle of May, in drills 3 feet apart, and cover the seeds an inch deep. An ounce will plant 100 hills.

WHITE VELVET, or **Creole.** Long, smooth, tender pods, almost white. **Oz. pkt. 10c., ¼lb. 30 cts., lb. $1.00.**

LONG GREEN-POD. Strong-growing and productive; pods deep green. **Oz. pkt. 10c., ¼lb. 30c., lb. $1.00.**

Long Green-Pod Okra

Yellow Globe Danvers. The great utility Onion

Onion Seed crop very short this year

ONION SEED

To avoid disappointment order early

It is not difficult to grow large Onions from seed between the middle of April and frost, if a few simple directions are followed. First of all, do not attempt to raise Onions in poor soil. The Onion has a very limited root-system, and unless plant-food is readily available, the few roots can hardly store enough plant-food into the bulbs within a period of from 100 to 110 days, depending on spring and fall seasons.

Any of the varieties described on this and the next page will make good-sized bulbs from seeds sown between April 15 and 25, or as soon as the weather permits proper preparation of the soil. The soil should be liberally enriched with manure, although fresh manure cannot be recommended, because it brings with it the danger of maggots, which will attack the Onions.

Sow the seeds thinly in rows 12 to 18 inches apart. As soon as the seedlings are 3 to 4 inches tall, thin them out to stand 3 to 4 inches apart in the row. Where sets are wanted, the seeds may, of course, be planted more thinly, and no thinning out is necessary. Frequent cultivation is as essential to success with Onions as is liberal fertilization. Should the bulbs in the fall prove rather slow in ripening down, break the tops. Before storing, the bulbs should be cured by giving the sun a good chance to thoroughly dry them for perhaps 48 hours. At the end of the first day, the Onions should be turned over so that the other side has a chance to dry off.

One ounce of seed will sow a row 100 feet long. The exhibition varieties, such as Ailsa Craig and Gigantic Gibraltar, require an exceptionally long period to produce their extra-large bulbs, and seeds of them are generally sown in the hotbed by middle of March and seedlings are transplanted later in a well-prepared piece of ground.

PAMPHLET ON ONION CULTURE FREE

Young Southport Globe Onions

YELLOW VARIETIES

YELLOW GLOBE DANVERS. The most widely grown sort in cultivation. Handsome, globe-shaped bulbs of good size, with thin yellow skin and mild, fine-grained, white flesh. A most reliable cropper, yielding 600 to 800 bushels per acre on good soil and with good culture; always satisfactory in the home-garden; a good keeper. **Pkt. 20 cts., oz. 75 cts., ¼lb. $2.75, lb. $7.50.**

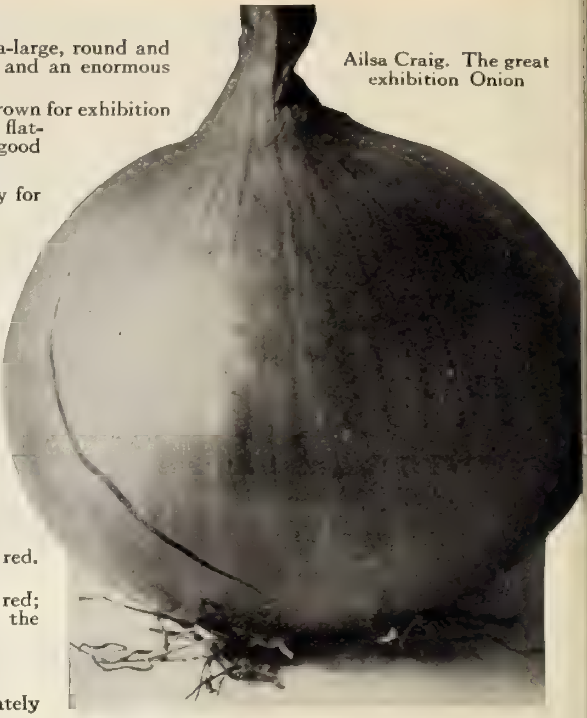
OHIO YELLOW GLOBE. A splendid keeping Onion developed by one of the Buckeye State's foremost Onion specialists. Within 100 days from sowing it perfects symmetrical, hard globes, averaging 2½ inches in diameter, slightly flattened at the bottom and larger than Yellow Globe Danvers. The flesh is fine-grained, very firm, and mild enough to make this one of the most desirable salad Onions. The skin is thin, and the necks are small and ripen down hard. A sturdy productive variety which we can highly recommend. **Pkt. 20 cts., oz. 75 cts., ¼lb. $2.75, lb. $7.50.**

SOUTHPORT YELLOW GLOBE. A large, showy, globular or oval sort which grows rapidly, and quickly forms good-sized bulbs, suitable for using in a green state. Skin straw yellow; flesh white and of good quality. Full-grown Southport Globe Onions are uniform in size and shape, good keepers, and bring top prices at all times. **Pkt. 20 cts., oz. 80 cts., ¼lb. $3.00, lb. $8.00.**

FLAT YELLOW DANVERS. Round, flat bulbs, growing to good size and ripening early; mild in flavor and keep well. **Pkt. 15 cts., oz. 50 cts., ¼lb. $1.75, lb. $5.00.**

YELLOW DUTCH, or **Strasburg.** Large, flattened bulbs; mild flavor; one of the best keepers. Grown largely for sets. **Pkt. 15 cts., oz. 50 cts., ¼lb. $1.75, lb. $5.00.**

Other desirable Onions are described on page 24



Ailsa Craig. The great exhibition Onion

YELLOW ONIONS, continued

PRIZETAKER. An American strain of the Giant Spanish Onion. Bulbs extra-large, round and handsome; rich yellow skin and mild, sweet, pure white flesh; a fair keeper and an enormous yielder. **Pkt. 20 cts., oz. 70 cts., ¼lb. $2.70, lb. $7.00.**

GIANT GIBRALTAR. A type of Prizetaker, originally from France, generally grown for exhibition purposes. A close rival to Ailsa Craig described below. Attains immense size; flat-globular in shape; skin light straw color; flesh white, tender and mild; not a good keeper. **Pkt. 20 cts., ½oz. 40 cts., oz. 70 cts., ¼lb. $2.70, lb. $7.00.**

AILSA CRAIG. The famous exhibition Onion of England, and valued highly for that purpose. By rigid selection it has been kept at a high standard of perfection and will produce bulbs of enormous size for anyone who will take the pains to start the seed early under glass and transplant the seedlings. **Pkt. 20 cts., ½oz. 40 cts., oz. 75 cts., ¼lb. $2.70, lb. $7.00.**

AUSTRALIAN BROWN. This takes the prize for being the best keeper among the Onions. The bulbs have been known to keep well from the fall of one year until May of the following year. Average size 2½ inches in diameter by 2 inches from top to bottom; flesh exceedingly fine-grained and solid; color of skin varies from yellowish to reddish brown, proclaiming this variety to be a hybrid between a yellow and red Onion. It inherits the mild flavor of the yellow kinds and the long-keeping qualities of the reds to a remarkable degree. **Pkt. 15 cts., oz. 40 cts., ¼lb. $1.50, lb. $4.00.**

RED ONIONS

These are the latest to mature and the strongest-flavored, but also the best keepers.

SOUTHPORT RED GLOBE. A big, handsome Onion, similar in every way to Southport Yellow Globe except in the color of the skin which is deep red. **Pkt. 20 cts., oz. 80 cts., ¼lb. $2.50, lb. $8.00.**

RED WETHERSFIELD. Bulbs flattened, growing to a large size; purplish red; strongly flavored. A splendid keeper and a very satisfactory red Onion for the home-garden or market. **Pkt. 15 cts., oz. 45 cts., ¼lb. $1.70, lb. $4.50.**

THE BEST WHITE VARIETIES

The White Onions are the earliest and the mildest in flavor, but only moderately good keepers.

WHITE PORTUGAL, or **Silverskin.** A favorite, largely grown for sets and for pickling. Bulbs large, flat; skin white; flesh tender and sweet. **Pkt. 25 cts., oz. 80 cts., ¼lb. $2.50, lb. $8.00.**

SOUTHPORT WHITE GLOBE. Similar to the Southport Yellow and Red Globes, and a good keeper for a white Onion. Grows rapidly. **Pkt. 25 cts., oz. $1.00, ¼lb. $3.00, lb. $10.00.**

MAMMOTH SILVER KING. A white exhibition Onion, producing enormous slightly flattened bulbs of the finest quality. **Pkt. 15 cts., oz. 40 cts., ¼lb. $1.25, lb. $4.00.**

WHITE BUNCH. For using when young, producing large, showy, white Onions of fine quality in a remarkably short time. **Pkt. 20 cts., oz. 70 cts., ¼lb. $2.70, lb. $7.00.**

ONION SETS. Extra-Selected Stock. (Prices variable)

	Lb.	10 lbs.	Bus.
White Silverskin. For early use..........	$0 35	$1 75	$4 50
Yellow Danvers. (Legal bushel, 32 lbs.)..........	30	1 50	3 50

Parcel post weight of Onion Sets: Quart weighs 1 lb.

PARSLEY

Much used for garnishing and flavoring soups, stews, etc. The seed is slow to germinate, and should be sown as early as possible, in drills 12 inches apart, thinning the plants to 4 to 6 inches apart in the rows.

CHAMPION MOSS-CURLED. Leaves bright green, finely cut, and beautifully curled. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.00.**

DWARF EXTRA-CURLED. Dwarf, with finely curled leaves. Quite decorative, as well as savory; much used for garnishing. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

PLAIN-LEAVED. Best for flavoring; very hardy. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.00.**

HAMBURG TURNIP-ROOTED. Grown for its roots, which are used in stews and soups. Thin out when young and cultivate like Carrots. Roots elongated turnip-shape. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

HAMBURG LONG, or **Parsnip-rooted.** Roots long and slender; matures late and grows to a large size. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

PARSNIPS

Sow the seed in drills 15 inches apart, as early as possible in spring, and thin the plants to stand 5 or 6 inches apart in the rows. The flavor of the roots is much improved by frost. In winter cover them heavily with manure or litter. An ounce of seed will sow 100 feet of drill; 5 pounds to an acre.

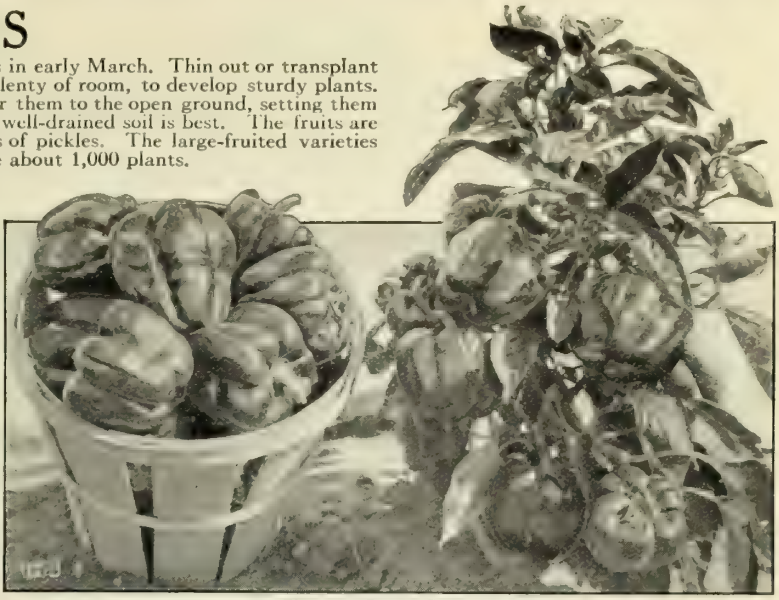
LONG SMOOTH HOLLOW-CROWN. Tender and sweet; always good and in demand. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.00.**

GUERNSEY. Does not grow quite as long as Hollow-Crown, but has a thicker shoulder and runs heavier all through. Attractive smooth roots. **Pkt. 10cts., oz. 15 cts., ¼lb. 40 cts., lb. $1 00.**

Hollow-Crown Parsnips

PEPPERS

In the latitude of Pittsburgh, sow the seed in hotbeds in early March. Thin out or transplant the seedlings when they are 2 inches high, giving them plenty of room, to develop sturdy plants. When the weather is settled and the soil warm, transfer them to the open ground, setting them about 2 feet apart in rows 3 feet apart. A rich, mellow, well-drained soil is best. The fruits are used in both the green and ripe stages for making all sorts of pickles. The large-fruited varieties are desirable for stuffing. An ounce of seed will produce about 1,000 plants.



Chinese Giant Peppers

CRIMSON BEAUTY PIMIENTO. This is the Pimiento Pepper used so extensively in Spain for canning. It is the sweetest of all sweet Peppers, without any trace of pungency, and the thickest-fleshed Pepper in cultivation. The fruits are of good size, conical or heart-shaped, perfectly smooth and very attractive. The plants are compact and healthy. Midseason. **Pkt. 10 cts., oz. 35 cts., ¼lb. $1.30, lb. $3.50.**

EARLY NEAPOLITAN. The earliest of the really large-fruited sorts and one of the most productive. The fruits average 4 inches by 2 inches and are always sweet; unsurpassed for pickling. The plants are vigorous and carry immense crops, the first Peppers being ready for picking in mid-July. **Pkt. 10 cts., oz. 35 cts., ¼lb. $1.30, lb. $3.50.**

HARRIS' EARLIEST. Where the seasons are short, this is the only large-fruited Pepper which can be relied upon to produce a good crop. We recommend it to all who have not been able to mature Peppers heretofore. **Pkt. 15 cts., ¼oz. 25 cts., oz. 85 cts.**

RUBY KING. Following closely after Neapolitan, Ruby King produces a fine crop of large, sweet Peppers. The flesh is thick, sweet, and mild. One of the most satisfactory Peppers for home-garden and market. **Pkt. 10 cts., oz. 40 cts., ¼lb. $1.40, lb. $4.00.**

RUBY GIANT, or Worldbeater. The result of a cross between Ruby King and Chinese Giant, this variety is fully as early and productive as Ruby King while the fruits approach those of the Chinese Giant in size. Extensively grown for market. **Pkt. 10c., oz. 50 cts., ¼lb. $1.75, lb. $5.00.**

CHINESE GIANT. The real giant of the Pepper family. Enormous, blocky, thick-fleshed fruits, bright red in color and very mild and sweet in flavor. It took exactly twenty ripe fruits to fill the basket shown in the illustration, and these fruits were gathered from six plants. **Pkt. 15 cts., oz. 65 cts., ¼lb. $2.40, lb. $6.50.**

CRIMSON GIANT. Said to have been developed from a cross between Chinese Giant and Bull Nose. Early and, like Bull Nose, very prolific; deep green ripening to bright crimson. **Pkt. 10 cts., oz. 40 cts., ¼lb. $1.50, lb. $4.00.**

SWEET MOUNTAIN. Nearly, if not quite identical with Bull Nose. **Pkt. 10 cts., oz. 50 cts., ¼lb. $1.75, lb. $5.00.**

BULL NOSE, or Large Bell. A widely grown, standard variety for market. Extremely prolific; fruits of good size, very thick and blocky; flesh usually sweet but becomes very hot in dry seasons. **Pkt. 10 cts., oz. 35 cts., ¼lb. $1.30, lb. $3.50.**

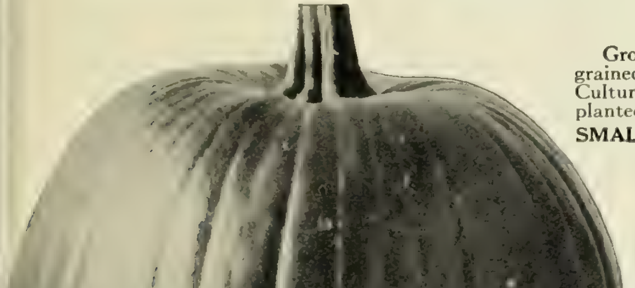
GOLDEN QUEEN. A large, sweet Pepper which ripens bright yellow instead of red. Fruits like Bull Nose; thick-fleshed and very sweet. **Pkt. 10 cts., oz. 40 cts., ¼lb. $1.40, lb. $4.00.**

RED SQUASH. Dwarf and prolific; small, round, thick-fleshed and sweet pods. **Pkt. 10 cts., oz. 55 cts., lb. $5.50.**

ANAHEIM GIANT CHILI. Seven to 9 inches in length, and from 1 to 1¼ inches thick, tapering to a blunt point. Brilliant scarlet This Pepper is pungent, although not quite as hot as Long Red Cayenne. **Pkt. 10 cts., oz. 60 cts., ¼lb. $1.95, lb. $6.00.**

LONG RED CAYENNE. Pods 4 to 6 inches long, bright red, and very hot. Prolific. **Pkt. 10 cts., oz. 40 cts., ¼lb. $1.40, lb. $4.00.**

SMALL RED CHILI. Pods 2 inches long, conical, scarlet, very pungent. **Pkt. 10 cts., oz. 40 cts., ¼lb. $1.40, lb. $4.00.**



Small Sugar Pumpkin

PUMPKINS

Grown principally for stock-feeding, yet some are so sweet, juicy, and fine-grained that they will always be considered indispensable for pies and sauces. Culture like melons, but the soil need not be so rich and the hills should be planted farther apart. One pound will plant from 200 to 300 hills.

SMALL SUGAR. Ten to 12 inches in diameter, almost round and slightly ribbed; flesh sweet; skin deep bronzy yellow. The favorite variety for pies and a good keeper. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

MAMMOTH KING. The largest Pumpkin grown, often attaining a weight of 100 pounds. Flesh close-grained and of fine flavor; skin golden yellow. **Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.75.**

LARGE CHEESE. Large, somewhat flattened with creamy yellow skin and flesh; good quality. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.00.**

CONNECTICUT FIELD. The common field Pumpkin; largely grown in corn for feeding to stock, but suitable also for pies. Orange skin and bright yellow flesh. **Oz. 10 cts., ¼lb. 30 cts., lb. 95 cts.**

GOLDEN OBLONG. A long, cylindrical Pumpkin with bright yellow flesh of extra-fine quality. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

WINTER LUXURY, or Pie Squash. Round, golden yellow, netted; flesh very rich; a fine keeper. Finest pie Pumpkin and a great favorite in the home patch. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

SWEET POTATO. Medium-sized; pear-shaped; flesh creamy white; excellent flavor. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

JAPANESE PIE. Large crookneck, deep green with darker stripes; flesh yellow and sweet; early. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

MAMMOTH GOLDEN CUSHAW. The Cushaw or Jonathan Pumpkins are big, crooknecked varieties with thin, tough rinds and thick flesh of extra-fine quality for pies. Mammoth Golden Cushaw has orange-yellow skin and flesh. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

WHITE CUSHAW. Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.

GREEN STRIPED CUSHAW. Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.

PEAS

For best results with Peas it is essential to get an early start. The smooth-seeded varieties, being extra-hardy, may be planted as early in the spring as the soil can be prepared for them, often as early as the latter part of March. Wrinkled Peas are not so hardy as the smooth sorts, but they will stand a good deal of cold and wet and may be started early in April. Sow the seed in drills 2 to 3 inches deep, making the rows 2 to 4 feet apart, according to variety, taller Peas requiring more room than dwarf ones. The dwarf varieties do best on a heavy and moderately rich soil while the tall sorts seem to prefer rather thin ground. Peas that make vines over 2 feet high should be supported with brush, chicken wire, old fish-net or on strings 6 inches apart stretched between posts set at the ends of the rows. Tall-growing Peas are frequently grown in double rows 6 or 8 inches apart with the support between. Do not grow Peas against a fence or wall as they like to be out in the open where the air can circulate through the vines.

For a constant succession of green Peas, sow quick-maturing varieties at intervals of 10 days up to the first of June, or make one early sowing of a number of kinds that follow each other in their season of bearing. As Peas do not bear well during hot weather, no sowings should be made after the first of June, but any of the quick-growing sorts may be planted again in late July to mature in the cool fall months. One pound of Peas will sow about 50 feet of drill. A peck of Peas weighs about 15 pounds; a bushel weighs 56 or 60 pounds, depending on variety.

Little Marvel Peas

EXTRA-EARLY SMOOTH-SEEDED SORTS

These are extra-early and hardy so may be sown 10 to 14 days before it is safe to put the more tender wrinkled Peas in the ground. They are somewhat inferior in quality, however, and must be gathered as soon as ready, for they lose their flavor quickly.

EARLY EIGHT WEEKS. The earliest of all Peas and of exceptionally good quality for a smooth-seeded variety. Some people plant this variety exclusively, making successive plantings as the season advances, as they have found that it will give a larger yield on a comparatively small space of ground than any other sort. The vines grow 10 to 15 inches high, depending on soil and season, and may be planted in rows as close as 12 inches and with a plant every 2 or 3 inches in the row. Vigorous grower bearing loads of medium-sized pods, well-filled with Peas that surpass in quality any of the older extra-early varieties. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.60, 10 lbs. $3.00.**

Beckert's World's Record Peas

ALASKA. A select strain of the old favorite for early market and canning. Maturing a few days after Early Eight Weeks, it bears a large crop of pods which are small but well-filled with Peas of fair quality. The crop is very uniform and is usually gathered in one picking. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 65 cts., 5 lbs. $1.45, 10 lbs. $2.75.**

MARKET SURPRISE. A couple of days later than Alaska but the pods are much larger, averaging 3½ inches long and containing from 5 to 7 large, light green Peas of very good flavor. A dependable large-podded extra-early for the home-garden. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 65 cts., 5 lbs. $1.45, 10 lbs. $2.75.**

PROLIFIC EARLY MARKET. The largest-podded and most productive of the early, smooth-seeded sorts, except Market Surprise, which it follows by a few days in earliness. Vines 3 feet tall; pods large and uniform; crop comes in two pickings; quality good. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 65 cts., 5 lbs. $1.45, 10 lbs. $2.75.**

EARLY WRINKLED PEAS

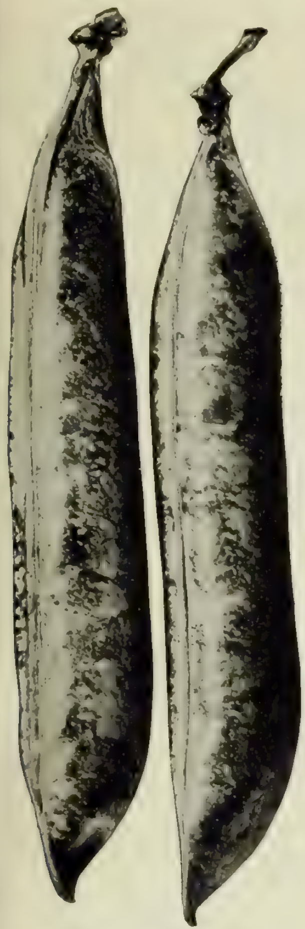
Although not so hardy, these are more tender than the smooth-seeded kinds and much superior in flavor.

WORLD'S RECORD. The earliest strain of the well-known Gradus or Prosperity Pea, and a thoroughbred in every way. Does not grow quite so tall as Gradus but is more productive, bearing pods 3½ inches, containing 7 to 9 Peas of superb quality. Beckert's strain of World's Record Peas comes on the market 3 or 4 days ahead of any other wrinkled Pea and is in tremendous demand with our critical market-gardener customers. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 75 cts., 5 lbs. $1.75, 10 lbs. $3.25.**

GRADUS, Prosperity, or Extra-Early Telephone. A very dependable and productive variety; with the exception of World's Record, the earliest of the wrinkled Peas. Vines 3 feet tall and robust; pods about 4 inches long, broad and pointed, medium green in color; quality excellent. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 70 cts., 5 lbs. $1.60, 10 lbs. $3.00.**

THOMAS LAXTON. Those who appreciate genuine quality in Peas will find all they desire in Thomas Laxton. It closely resembles Gradus in season, productivity and all other respects, except that the pods are a trifle narrower, more blunt-pointed and always packed to the tip with Peas of superb flavor. It is one of the sorts we particularly recommend to the home gardener. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 70 cts., 5 lbs. $1.60, 10 lbs. $3.00.**

LITTLE MARVEL. A splendid dwarf early Pea of fine quality, in season a few days later than Gradus or Thomas Laxton. Vines 15 inches tall, bearing a remarkably large crop of pods which average 3½ inches long and are literally filled to bursting with sweet, dark green Peas of the largest size. Since it requires no brush or other support, and is such a reliable producer, it is one of the most popular sorts in the home-garden. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 70c., 5 lbs. $1.60, 10 lbs. $3.00.**



Thomas Laxton Peas

EARLY WRINKLED PEAS, continued

LAXTONIAN. The largest podded of the early dwarf varieties; a vigorous, productive sort, extensively grown to succeed World's Record as it produces its crop about a week later in this section. Vines 1½ feet high, requiring no support; broad pods 4 inches long, filled with large, dark green Peas of superb quality. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.85, 10 lbs. $3.50.**

PIONEER. Similar to Laxtonian except that the pods and vines are a trifle lighter in color. Considered by some to be a little hardier but not quite so fine in quality. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., 5 lbs. $1.85, 10 lbs. $3.50.**

SUTTON'S EXCELSIOR. Follows in season immediately after Laxtonian, and a little more vigorous in vine. Pods 3½ inches long, containing 7 or 8 bright green Peas of very fine quality. A favorite for market in many sections. **Pkt. 10c., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.60, 10 lbs. $3.00.**

MAIN-CROP and LATE PEAS

These bear later than the kinds described above, but they yield larger crops of bigger pods, have a longer season of bearing, and are unsurpassed in quality.

BECKERT'S NEW PERFECTION. The most productive Pea ever developed and one of the finest in quality. A semi-dwarf, main-crop variety, growing 2½ feet tall on rich soil, with strong vines which bear truly immense crops of broad pods, 4½ inches long, filled with large, bright green Peas of delicious flavor. Maturing with Potlatch and ahead of Alderman and Telephone, it is the ideal variety to plant to follow Gradus or Laxtonian. **Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 5 lbs. $2.00.**

POTLATCH. A very prolific dwarf, large-podded Pea, bearing its first crop 10 days after Sutton's Excelsior and producing at least two good pickings. Vines strong and vigorous, 2 feet tall; pods dark green, 5 inches long and very broad, containing 8 to 10 large Peas of unexcelled quality. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.60, 10 lbs. $3.00.**

DWARF CHAMPION. A popular main-crop Pea for the home-garden as it can be grown without support. Vines 2 to 2½ feet in height; pods 4 inches long; Peas large, dark green in color, and of fair quality; quite productive. A trifle later than Potlatch. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 65 cts., 5 lbs. $1.45, 10 lbs. $2.75.**

DUKE OF ALBANY. Vines medium green; pods dark green; a trifle earlier, but otherwise similar to Telephone described next. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.60, 10 lbs. $3.00.**

IMPROVED TELEPHONE, or **Boston Unrivaled.** The finest strain of the old reliable light-podded Telephone. Height 4 to 5 feet; pods 4½ inches long, each containing 8 to 10 large, delicious Peas; vines, pods and Peas all medium-light green. Prolific, bearing its crop a few days after Senator. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.60, 10 lbs. $3.00.**

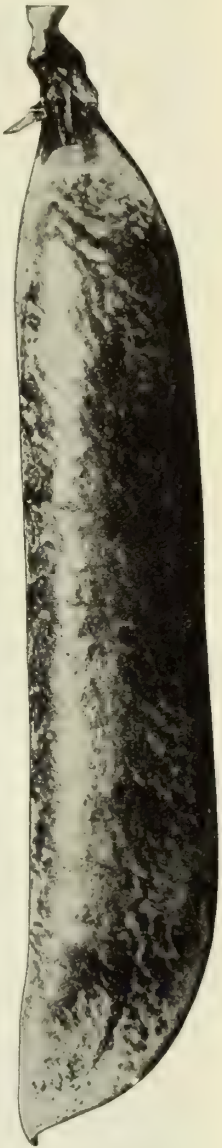
ALDERMAN. The leading dark-podded variety of the Telephone type. A trifle later than Boston Unrivaled but more productive; vines and Peas dark green; unexcelled in flavor. Alderman is grown very extensively for market and is, without a doubt, the best of the tall late sorts for the home-garden. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., 5 lbs. $1.60, 10 lbs. $3.00.**

PRODIGIOUS, or **Quite Content.** A grand exhibition Pea, in which mammoth size is combined with superb quality. Thrifty vines growing 5 feet tall; dark green pods 5 inches or more in length, largely borne in pairs, and packed with immense, luscious Peas. Season with Alderman. **Pkt. 15 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 5 lbs. $2.00.**

CHAMPION OF ENGLAND. An old and well-known variety, considered by many to be the richest and best-flavored of all Peas. A week later than Alderman; vines 4 feet high; pods 3½ inches long, filled with light green Peas of good size. **Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 65 cts., 5 lbs. $1.45, 10 lbs. $2.75.**

WHITE MARROWFAT. A tall-growing, late variety, bearing a large crop of Peas of good size, but only fair quality. **Pkt. 10 cts., ½lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts., 5 lbs. $1.35, 10 lbs. $2.50.**

MAMMOTH-PODDED SUGAR. Tall and late, producing a large crop of pods 5 to 6 inches long and 1½ inches wide. These are gathered when the Peas within have just begun to form and are prepared like snap-beans, the entire pods being cooked. Tender and stringless and very sweet in flavor. **Pkt. 10 cts., ½lb. 30 cts., lb. 50 cts., 2 lbs. 80 cts., 5 lbs. $1.85, 10 lbs. $3.50.**



Alderman Pea

NORTHERN-GROWN SEED POTATOES

Our Potatoes are all choicest northern-grown stock, grown especially for seed purposes. At the date this catalogue goes to press, prices are unsettled, and as there is every possibility that we will be able to quote better prices later on than we could now, we name no prices herein. Intending purchasers will please send us a list of their requirements and we will quote lowest prices as soon as the market is settled. A bushel of Seed Potatoes weighs 60 pounds; a standard sack contains 165 pounds, or 2¼ bushels. Ten to 12 bushels will plant an acre.

We send out no Potatoes in spring before danger of frost is past

BOVEE. A fine extra-early Potato. Very productive; vines dwarf and stocky; tubers long and blunt-ended, growing very close together in the hills; skin creamy white tinged with pink.

CARMAN NO. 3. A very popular and reliable late Potato. Large, oblong, slightly flattened.

DIBBLE'S RUSSET. A late variety, noted for its vigor, productiveness and freedom from disease. Large, round tubers with white skin, netted golden russet; finest quality.

EARLY OHIO. Extra-early; tubers rough in the skin; nearly round and quite distinct; cooks dry and mealy. Leads in quality.

EARLY ROSE, IMPROVED. An improvement on Early Rose; larger in size, fully as early and a heavy yielder. Long, large tubers, smooth with thin blush or rosy skin and solid, white flesh.

GREEN MOUNTAIN, IMPROVED. The leading main-crop Potato. A productive and dependable variety; tubers oblong and somewhat flattened; eyes shallow. A few days earlier than the original Green Mountain, and a trifle whiter in color.

IRISH COBBLER. Unquestionably one of the best white-skinned extra-early sorts. Tubers always uniform, round and of good quality. A good yielder under widely varying conditions, but is not recommended for heavy clay soils.

SIR WALTER RALEIGH. Large, smooth, oblong, white tubers. A heavy yielding main-crop Potato.

VERMONT GOLD COIN. One of the finest late Potatoes. Productive; cooks dry; always of the best quality; tubers oblong with small eyes and smooth skin of a distinct light golden brown color.

RADISHES

CROP SHORT

Success with Radishes depends upon the selection of the proper varieties to be grown during the different seasons. Early in the spring, while it is still cool, the Extra-early Round or Button Radishes do best and the first sowing may be made as soon as the ground is fit to be dug. The olive-shaped or half-long and long varieties, require more time in which to reach eatable size, but they will stand heat better. None of these kinds should be grown during midsummer but may again be sown during the latter part of August. The slow-growing, hot-weather varieties are described on the next page.

Radishes thrive best in well-enriched, light, sandy soils. To produce smooth, shapely roots, the seed-bed should be worked into fine, loose condition and freed from stones. The quick-maturing varieties may be sown in rows less than a foot apart and, if the seed is not scattered too thickly, little thinning out will be necessary.

The Radishes on this page are also suitable for forcing under glass. Saxa, Non Plus Ultra, and Scarlet Globe may be gathered from the hotbed in mid-April from seed sown the middle of March. For the forcing crop, sow the seed in hotbeds in rows 5 or 6 inches apart and thin the plants as the soil becomes warm. An ounce of seed will sow about 75 feet of row.

Appetizing Radishes like these are easy to grow

EXTRA-EARLY ROUND or BUTTON RADISHES

These are the popular, little flat or round fellows which, if sown in early spring, will be ready for use in three to five weeks, depending on weather conditions. To be crisp and tender, they must grow quickly; a check in growth, due to drought or frost, makes them tough and pithy, while hot weather makes them grow rank and bitter. Do not sow between May 15 and August 15.

SAXA, or Rapid Red. By far the earliest and most short-lived of all the forcing Radishes. Under favorable conditions, Saxa will make small but perfect globe-shaped roots in the almost incredibly short time of 20 days in the hotbed, or 25 days outdoors. Saxa Radishes have remarkably small tops, so may be grown very close together. The flesh is pure white and very crisp; skin bright scarlet. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

Early Scarlet Globe Radishes

ROUND or BUTTON RADISHES, continued

NON PLUS ULTRA, FIREBALL or Scarlet Button. An improved strain of the favorite little, bright red, turnip-shaped, early forcing and outdoor Radish. The roots are of good size, round, and with very small taproots; the flesh is white and crisp, with skin of a most appetizing, bright scarlet color; the stems and leaves are small. Our strain is exceptionally well-bred and reliable. **Pkt. 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.**

EARLY SCARLET GLOBE. (See illustration.) The most widely grown of all the early, round, red Radishes. Although a few days later than Non Plus Ultra, it produces roots of larger size without becoming pithy and is the favorite variety for early market everywhere. The roots are elongated globe shape, uniformly good-sized, smooth and with small tap-roots, bright rosy red in color, with firm, white flesh. Matures in 30 to 35 days from sowing. *We have an exceptionally fine forcing stock of this variety.* **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

CRIMSON GIANT FORCING. Maturing in about the same time as Early Scarlet Globe, this Radish produces roots nearly twice the size, of perfect globe shape, with white flesh and deep red skin. **Pkt. 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.**

ROSY GEM. The best forcing strain of the ever-popular White-tipped Scarlet Turnip Radish. The roots are round or turnip-shaped; deep rosy scarlet, shading to a white tip. Very attractive and showy; maturing its crisp little roots in 30 to 35 days. **Pkt. 10c. oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

SPARKLER. Perfectly round or ball-shaped; upper half bright scarlet, lower half and tap-root clear white; very bright and attractive in appearance and largely grown for both market and home use. More satisfactory outdoors than Rosy Gem. **Pkt. 10c., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

WHITE BOX. The leading early white Radish. Roots of good size and nearly spherical in shape, with smooth, white skin. The flesh is of particularly good quality. Does not grow quite as quickly as the other varieties in this group but resists heat better. **Pkt. 10c., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

EARLY OLIVE-SHAPED and HALF-LONG

The olive-shaped varieties are preferred by some planters, and are known as "Rocket" Radishes in the East. They mature nearly as quickly as the button sorts.

FRENCH BREAKFAST. Olive-shaped; rosy scarlet with white tip. A quick-growing variety of excellent quality. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.15.**

SCARLET OLIVE-SHAPED. Bright scarlet; early; sometimes used for forcing. The flesh is white, crisp, and tender. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

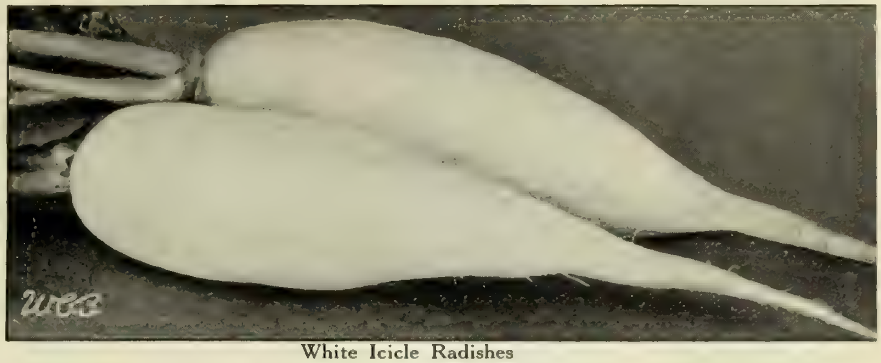
WHITE OLIVE-SHAPED. Pure white; short topped and quick growing. A very nice early Radish. **Pkt. 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.**

YELLOW OLIVE-SHAPED. Exceptionally fine quality despite its unusual color. The skin is bright golden brown; flesh white. **Pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts., lb. $1.50.**

EARLY LONG RADISHES

ICICLE. If there is any one Radish that deserves the title of "best all-around" for the home garden, it is White Icicle. Good early or late, it resists the heat as well as any of the extra-early varieties and the quality of its flesh is always pleasing. Handsome, cylindrical roots, 5 to 7 inches long, with smooth, white skin and fine-grained white flesh. (See illustration.) **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

CINCINNATI MARKET. The most select strain of the Long Scarlet Short Top type. The roots grow 6 to 7 inches long and are bright scarlet, slightly tipped white, with very brittle flesh. Our stock is very short-topped; excellent for both forcing and outdoors. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**



White Icicle Radishes

Beckert's Improved Chartier Radishes

RADISHES BEST FOR SUMMER USE

The following five varieties are particularly valuable in that they extend the Radish season by at least two months. Any of these varieties may be sown up to August and will be in prime condition throughout the hot months when all early Radishes will have become pithy. Beckert's Chartier is the earliest of these summer Radishes, being ready for table in about 45 days after date of sowing seeds. Golden Globe is, perhaps, the greatest heat resister in this class.

BECKERT'S IMPROVED CHARTIER. (See illustration to left.) This greatly improved Radish is the finest long red variety in existence. Slightly later than the Cincinnati Market, but better in quality; will stand far longer; in all respects superior to any other long Radish. Rosy scarlet with white tip. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

LONG WHITE VIENNA. Long and slender; snow-white; flesh crisp, tender, and brittle; of rapid growth. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.15.**

WHITE STRASBURG. Half-long and thick; skin and flesh white. An excellent sort for either summer or fall. Firm, crisp, and of mild flavor. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35c., lb. $1.15.**

GIANT STUTTGART. Very large; globular in shape; pure white; stands heat well. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40c., lb. $1.25.**

GOLDEN GLOBE. Our seeds are choicest French-grown. Russet color; sweet and crisp. A favorite in all parts of the country; valued for its heat-resistance. **Pkt. 10 cts., oz. 20c., ¼lb. 60 cts., lb. $2.00.**

WINTER RADISHES

The Winter Radishes must be sown before July, as they develop slowly and the roots of all varieties grow to very large size. It is desirable therefore that seeds be sown very thinly, and the seedlings should be thinned out to stand from 4 to 12 inches apart in the row, taking the 4-inch distance for the Spanish varieties and the greater distance for the Chinese and Japanese kinds. Use the large Chinese varieties before Christmas. By storing the Spanish varieties in sand or soil, in the cellar, they will keep in crisp condition until nearly the middle of March.

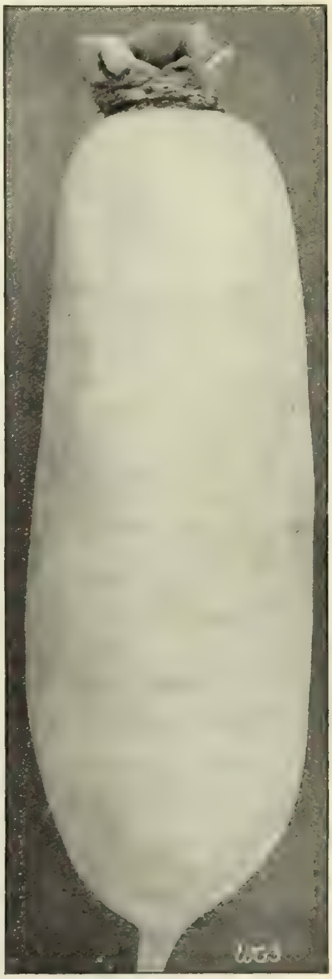
CELESTIAL, or **White Chinese.** (See illustration.) Attains a length of 12 inches and a diameter of 4 to 5 inches. Flesh crisp, mild, and sweet in flavor. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

CHINESE ROSE. Half-long; flesh pink, solid, of excellent quality. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.25.**

LONG BLACK SPANISH. Roots black; the flesh is white and slightly pungent. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.10.**

ROUND BLACK SPANISH. Globe-shaped; white-fleshed; piquant flavor. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.10.**

SAKURAJIMA. A Japanese variety, attaining a monstrous size. Reaches a weight of fifteen pounds. Can be used cooked as a turnip. Requires the whole season for its development. Should be sown in rows and thinned out to stand 10 inches apart. **Pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.00.**



Celestial Radish

GARDEN-MAKING is not difficult nor is it tedious, if you have the right kind of tools. You will find many handy tools offered on pages 84 to 88.

Salsify, or Oyster Plant

SALSIFY, or OYSTER PLANT

When cooked, the roots have something of the flavor and odor of oysters. They may be boiled, used in soups, or grated and fried as fritters. The culture of Salsify is the same as for parsnips. The roots are perfectly hardy and may be left in the ground all winter, or a quantity of roots for winter use may be dug after the first frosts and stored in a pit or in sand or damp earth in the cellar. The seed should be sown not later than end of June, as the roots require a full season to attain their growth. An ounce of seed will sow about 75 feet of drill.

MAMMOTH SANDWICH ISLAND. The most satisfactory variety under all conditions. The roots are long and of good thickness, tender and well flavored, resembling fair-sized parsnips. **Pkt. 10 cts., oz. 25 cts., ¼lb. 85 cts., lb. $2.50.**

RHUBARB, or PIE-PLANT

Sow the seed early and, when the plants are large enough, thin them to stand 4 to 5 inches apart. Early in the fall or the next spring, transplant them 3 feet apart each way in deep, rich soil. For forcing, take up some of the larger roots and plant them in a dark corner of the cellar or under the benches in the greenhouse. It pays to cultivate Rhubarb frequently, even after the cutting season is over, and to top-dress with manure in late summer or fall at least every other year. The seed-stalks, which appear after the leaves, should be kept cut in order to send all the strength of the plants into the roots, which produce the following season's crop of stalks.

VICTORIA. An improved variety producing extra-large, thick stalks. It is a main-crop sort with a long season of bearing. **Pkt. 10 cts., oz. 30 cts., ¼lb. 80 cts.**

RHUBARB ROOTS. Strong roots, for early spring delivery. **Each 20 cts., per doz. $2.00,** postage additional.

Prices on mammoth clumps for forcing on application

SPINACH

The value of fresh Spinach in the diet is just beginning to be appreciated. It is particularly rich in tonic mineral salts and vitamines, and these vitamines are believed to be present in a form which is not broken down or lost in boiling. By means of succession plantings, Spinach may be had all summer long, fresh from the garden. The first sowings should be made just as early in the spring as the ground can be made ready to receive the seed. Succession plantings may be made every ten days or two weeks up to the first of October, at which time a large planting should be made and protected with straw or dead leaves for winter and early spring use. Victoria is a good variety at all seasons; Norfolk Savoy is most satisfactory in early spring and fall; the new King of Denmark is particularly adapted for growing in hot weather. New Zealand Spinach is also a fine hot weather variety.

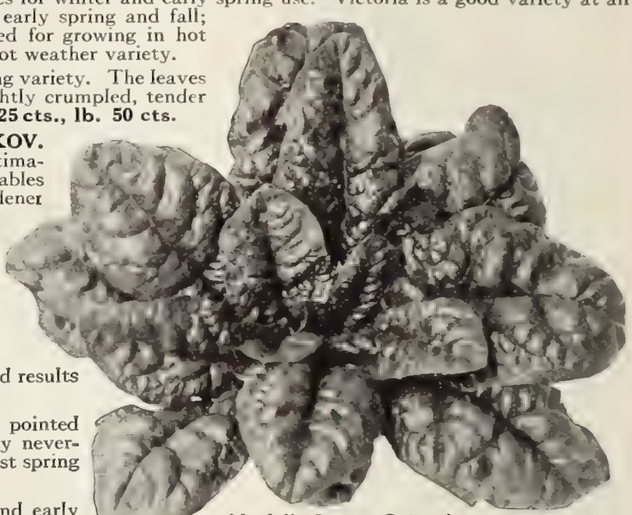
LONG SEASON. A very popular, long-standing variety. The leaves are broad and thick, dark green in color, slightly crumpled, tender and of finest quality. **Oz. pkt. 10 cts., ¼lb. 25 cts., lb. 50 cts.**

KING OF DENMARK, or ANTVORSKOV. This, in our estimation, is one of the most valuable new vegetables developed in recent years. For the home gardener it is especially valuable as it will stand the hottest kind of weather and remains in prime condition without shooting to seed longer than any other sort. The leaves are extra-large and substantial, but of excellent quality; the plants are big and strong, thriving on any soil. **Oz. pkt. 10 cts., ¼lb. 30 cts., lb. 75 cts.**

VICTORIA. Compact plants with round, crumpled leaves of the very best quality; dark green. Does best in early spring and fall but gives good results at all seasons. **Oz. pkt. 10 cts., ¼lb. 25 cts., lb. 50 cts.**

EARLY GIANT THICK-LEAF. A quick-growing variety with large, pointed leaves of a thick, almost leathery consistency, but of first rate quality nevertheless. It stands warm weather well but is most largely used for the first spring crop. **Oz. pkt. 10 cts., ¼lb. 25 cts., lb. 50 cts.**

NORFOLK SAVOY. Extra-hardy and well adapted for fall, winter and early spring crops. Leaves of good size and tender; wrinkled like a Savoy Cabbage. **Oz. pkt. 10 cts., ¼lb. 25 cts., lb. 50 cts.**



Norfolk Savoy Spinach

YELLOWS RESISTANT. Commonly known as "Blight Proof." Is resistant to blight and should be used where blight is prevalent. **Oz. pkt. 10 cts., ¼lb. 30 cts., lb. $1.00.**

NEW ZEALAND SPINACH. The seed is slow and irregular in germinating but, once started, the plants grow rapidly and by midsummer will often measure 4 or 5 feet in diameter and 3 feet high. The first crop may be cut when the plants are about half grown, taking only the tips of the branches. As fast as these tips are gathered, the main stalks produce more side shoots and it seems that the more one gathers the faster it develops. The tips of the branches are always brittle and tender, equal in flavor to any Spinach grown. New Zealand Spinach will grow in partial shade and is a profitable greenhouse crop to follow forcing Tomatoes. **Oz. pkt. 10 cts., ¼lb. 30 cts., lb. $1.00.**

Lucullus Swiss Chard

SWISS CHARD, or SPINACH BEET

It is only in recent years that Swiss Chard has received the attention that it deserves, but now that home gardeners are beginning to appreciate its many valuable qualities, it is growing in popularity at a remarkable rate. Swiss Chard is a type of Beet growing all to top instead of root. The leaves are long and broad with thick stalks and midribs, and are produced in great abundance. The leafy portion on either side of the midribs is cooked like Spinach, while the stalks and midribs are cut up and served like stewed Celery. Both are of delicious flavor, much to be preferred to ordinary Beet greens. Swiss Chard is grown in much the same manner as Beets except that the seedlings should be thinned to stand a foot apart.

LUCULLUS. The most popular variety. Leaves attractively crinkled and curled, and of extra-fine quality. Plants grow about 2 feet tall. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.50.**

LARGE SILVER-RIBBED. Larger growing than Lucullus, with smooth, or slightly crinkled, light green leaves and broad, white ribs. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.50.**

THE CHOICEST SQUASHES

Squash seed should not be sown until all danger from frost is past; it is safest to wait until after Decoration Day. All are rank feeders and do best on well-drained, heavily manured soil. The winter varieties are usually grown in hills placed 8 feet or more apart each way. These hills are prepared by first digging holes about 2 feet in diameter and 12 to 18 inches deep, which are filled with rotted manure or compost, and then piling soil on top to make mounds 4 to 6 inches higher than the level of the ground. Sow 8 to 12 seeds in each hill, dropping them about an inch apart, and thin out to the best 3 or 4 seedlings. Do not disturb the vines after they begin to run. The bush varieties may be sown in rows, prepared in the same manner as the hills for the winter Squashes. The plants should be thinned to stand about 3 feet apart.

Mammoth White Bush Squash

SUMMER VARIETIES

These are mostly early-bearing kinds of compact or bushy growth. The fruits have thin shells, consequently are not good keepers. One ounce of seed will plant 25 to 50 hills or 20 to 40 feet of row, depending on the variety; 4 to 6 pounds will sow an acre.

COCOZELLE BUSH, or Italian Vegetable Marrow. This is perhaps the most prolific of all bush sorts, commencing to bear in July and continuing until killed by frost. The fruits average 10 to 12 inches long by 5 inches in diameter and are green, marbled with yellow and striped with darker green. The flesh is quite firm and of superb quality. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.75.**

WHITE VEGETABLE MARROW. Larger growing and later than Cocozelle. Skin greenish white; flesh white. **Pkt. 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.75.**

MAMMOTH WHITE BUSH. (See illustration.) An improved White Patty-Pan Squash. Early and productive; fruits 10 inches in diameter. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

GOLDEN CUSTARD BUSH. Like Mammoth White Bush except that the fruits are rich golden yellow. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

GOLDEN SUMMER CROOKNECK. A popular variety. Early; productive; bright yellow; flesh fine-grained and rich. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

GIANT CROOKNECK. A bush form of Golden Crookneck, producing larger fruits; extremely early and prolific. Fine for market. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

DELICIOUS. Fruits large, resembling the Hubbard in shape, with bronzy green skin and orange flesh, which is very thick, fine-grained, dry and sweet. A dependable Squash for late summer and early winter use. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

WINTER VARIETIES

BOSTON MARROW. Well-known and popular. Large fruits with bright orange skin and flesh; does not keep quite as long as the Hubbards but is of the very finest quality and a reliable cropper. **Oz. 10 cts., ¼lb. 35 cts., lb. $1.00.**

HUBBARD, IMPROVED. An extra-select strain of the standard winter Squash. Skin dark green and nearly smooth; flesh yellow, fine-grained, dry and sweet; late keeping. **Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.75.**

WARREN. The most perfect type of the popular "Turban" or "Turk's Cap" Squashes. Shell thick and hard; deep orange-red in color. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

BLUE HUBBARD. (New.) A large variety having a hard, blue-grey shell. It is a long-keeping sort and of finest quality. **Pkt. 10 cts., oz. 15c., ¼lb. 50 cts., lb. $1.75.**

WARTED HUBBARD. Slightly larger than the original Hubbard, with dark green, hard, warty skin. The longest keeper of all the Hubbard Squashes. Flesh thick and of fine quality. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. $1.50.**

GOLDEN HUBBARD. Similar to the Improved Hubbard, except that the skin and flesh are bright yellow. Very dry and of excellent flavor. Particularly good for pies on account of its bright color. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.**

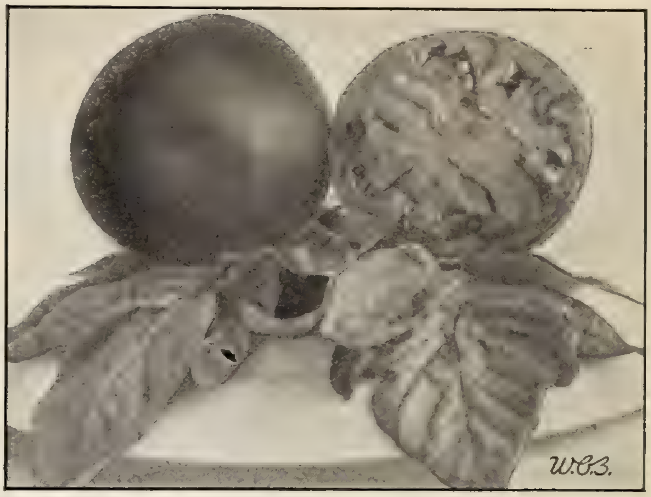
NEW ACORN, or TABLE QUEEN SQUASH. Excellent for pies and keeps as well as Hubbard. Fruits are 5 to 6 inches long and 4 inches in diameter; smooth dark green skin and thick orange flesh. Very prolific. **Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts.**

Upper row, Warren Squashes; lower row, left and right hand, Hubbard Squashes; center, Boston Marrow and Golden Summer Crookneck

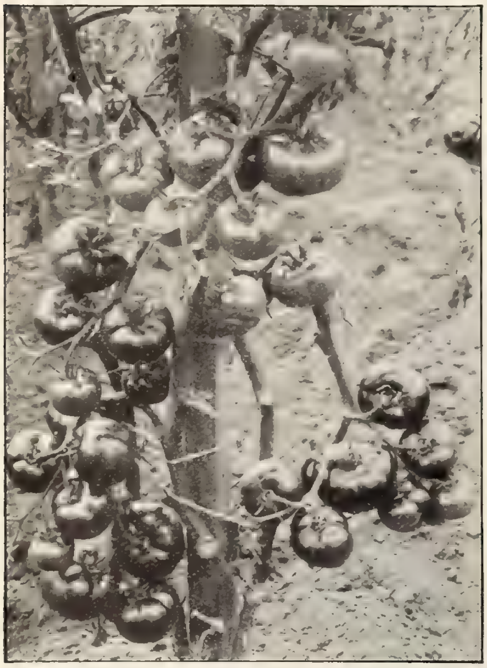
TOMATOES

Tomatoes are warmth-loving plants. The seed should be sown in February or March, either in the hotbed or in boxes or pots placed in a warm, sunny window, using fine, mellow soil and watering carefully as required. When the seedlings are about 2 inches tall, reset them in pots or in rows 4 to 5 inches apart, keeping the temperature about 60°. A subsequent transplanting will make them more branching and stocky. Do not set the plants out in the open ground until all danger from frost is past. As the weather becomes warm and settled, harden the plants by exposing them to the open air for a few hours in the middle of the day for a week or so and then plant them out in a warm, sunny spot and water them freely until they are well established. A packet of seed will produce plenty of plants for the average small garden; an ounce of seed will produce 1,000 plants or more. It is not only cheaper to grow your own Tomato plants from seed but it is also much safer for you are then assured of having just the variety that you want.

The standard varieties of Tomatoes are divided into two general classes—those having scarlet fruits and those with pink or purplish fruits. In both classes there are early, midseason and late sorts, some that are dwarf in growth and, therefore, particularly suitable for the small patch, and some that are distinctly globe-shaped. The wise gardener will plant at least two or three kinds maturing in succession.



Beckert's New Wayahead Tomato. Note the foliage



Manyfold—just as it grows

BECKERT'S NEW WAYAHEAD TOMATO. A distinct new type which has all the good qualities of Earliana and is, in addition, extra-hardy, vigorous, disease-resistant and a heavy producer, continuing to bear long after the first picking is taken off. Its most distinctive feature is the foliage which is of the potato-leaved type, a characteristic that has always been associated with unusual vigor and resistance to blight, etc. The fruits are of good size, smooth, solid, bright red and of fine quality. Will ripen as early, if not a few days earlier than Earliana and is, therefore, the earliest Tomato in cultivation. **Pkt. 15 cts., ¼oz. 25 cts., oz. 75 cts., ¼lb. $2.50, lb. $7.50.**

REDHEAD. An early, deep red variety of good size and shape. It is very meaty and nearly free from cracks. Fruit is very smooth and runs quite uniform in size; very productive. **Pkt. 10 cts., ½oz. 25 cts., oz. 45 cts., ¼lb. $1.30, lb. $4.50.**

SPARK'S EARLIANA. Ready to pick 100 days after the seed is sown. Medium size, handsome shape, bright red; quite solid; of rather acid quality. Season of bearing short. **Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25, lb. $3.25.**

JOHN BAER. Ripening a few days after Earliana, produces larger fruits and plenty of them. On account of its wider soil adaptability, it is a better kind to grow for first-early in the home garden than Earliana. Always smooth, semi-globe-shaped, bright red; quality excellent. **Pkt. 10 cts., oz. 40 cts., ¼lb. $1.25, lb. $4.00.**

MANYFOLD. Ripening with Bonny Best and bearing fruits which are nearly as large, Manyfold will outyield any early, large-fruited Tomato in cultivation. Some idea of its remarkable prolificness may be had from the photograph of a typical plant reproduced to the left. Moreover, Manyfold leads in quality. The fruits, which are nearly true globe-shaped, are fine for eating raw, as well as for canning and ketchup-making. **Pkt. 10 cts., oz. 45 cts., ¼lb. $1.35, lb. $4.50.**

BONNY BEST. Follows Earliana by about ten days and is, without a doubt, the most widely grown early Tomato. The fruits are slightly larger than those of Manyfold, averaging 3½ inches in diameter, and the plants are almost as prolific. Although Bonny Best does not have a long bearing season, the yield is so large under any conditions as to make it a most profitable variety to grow. Particularly suited for light, sandy soils; fruit smooth and solid, ripening uniformly; bright red. **Pkt. 10 cts., oz. 40 cts., ¼lb. $1.25, lb. $4.00.**

CHALK'S JEWEL. Later than Bonny Best; fruits slightly larger, and a better yielder, particularly on heavy soils on which it produces enormous crops and bears for a long season. Fruit solid, bright crimson and of fine quality. **Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25, lb. $3.50.**

MAIN-CROP RED VARIETIES

GREATER BALTIMORE. A select strain of Stone, ripening several days earlier and nearly as productive. Largely grown for canning in the northern states. **Pkt. 10 cts., oz. 40 cts., ¼lb. $1.25, lb. $4.00.**

STONE. An old favorite—the standard Tomato for main-crop and canning. Immensely productive; fruits large and smooth, bright scarlet, solid and meaty. **Pkt. 10 cts., oz. 30 cts., ¼lb. $1.00, lb. $3.00.**

MATCHLESS. Another strain of Stone, with extra-large fruits; late but the heaviest yielder of all. The best main-crop variety for the home garden. Rich cardinal-red; flesh solid and of the finest quality. **Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25, lb. $3.50.**

ENORMOUS, or **Red Ponderosa.** A crimson-fruited counterpart to the famous Ponderosa. Largest size and finest quality. **Pkt. 15 cts., ½oz. 35 cts., oz. 60 cts., ¼lb. $1.85, lb. $6.00.**

Matchless—best for the main crop

PURPLE TOMATOES

Broadly speaking, the purple or pink Tomatoes are much milder in flavor than the bright red kinds described on the previous page. On account of their color, some people are inclined to think that they are not so good for canning but the difference in this respect is hardly noticeable. They are given the preference in a number of markets and include the best sorts for distant shipping.

JUNE PINK. Identical with Earliana, but pink in color. A good producer and resistant to blight. 100 days. **Pkt. 10 cts., oz. 45 cts., ¼lb. $1.35, lb. $4.50.**

EARLY DETROIT. Follows June Pink; fruits larger, uniformly smooth and well-colored. A good producer on any soil. **Pkt. 10c., oz. 40c., ¼lb. $1.25, lb. $4.00.**

GULF STATE MARKET. (New.) The finest early purple-fruited Tomato. Ripens with Early Detroit but is larger, more solid and more globe-shaped. Productive and a good shipper. **Pkt. 10c., oz. 60c. ¼lb. $1.75, lb. $6.00.**

Globe Tomatoes. Ideal in size, shape and quality

GLOBE. An outstanding variety; most valuable purple Tomato. Commencing to bear in early mid-season, it produces an enormous crop of handsome, distinctly globe-shaped fruits of the very finest quality. On light or sandy soils the yield is considerably reduced, so we recommend Globe particularly for medium and heavy soils, under which conditions it is sure to satisfy the most critical of Tomato growers. As a home-garden Tomato it is unexcelled, being suitable for salads, stewing, canning—in fact, for every purpose. In addition, it is one of the best shipping varieties. Smooth, purplish pink. **Pkt. 10 cts., oz. 50 cts., ¼lb. $1.50, lb. $5.00.**

BEAUTY. A productive main-crop variety; fruits of good size, smooth, solid, never cracking; quality excellent. **Pkt. 10 cts., oz. 40 cts., ¼lb. $1.25, lb. $3.50.**

Beckert's Tomato Seed is all saved from pedigree crops grown for seed purposes only. By-product seed from unselected canning factory crops is sold very cheap—but like most cheap things, it proves expensive in the end.

TRUCKERS' FAVORITE. A purple-fruited counterpart to Stone. Extremely productive; fruits large, solid, smooth and of the finest quality. A few days later than Beauty but a heavier cropper. **Pkt. 10 cts., oz. 40 cts., ¼lb. $1.25, lb. $4.00.**

BUCKEYE STATE. With the exception of Ponderosa, this is the largest-fruited purple variety; late but a very heavy yielder, especially on river-bottom land. Smooth and meaty; purplish crimson in color. **Pkt. 10 cts., oz. 50 cts., ¼lb. $1.75, lb. $6.00.**

PONDEROSA. The largest of all Tomatoes, regardless of color. Properly grown, a single plant will often bear from 20 to 30 large fruits, generally in clusters of three, each cluster weighing from 1½ to 2 pounds. Our strain has been carefully selected, and much of the roughness for which this sort was noted has been removed. Its quality is unsurpassed and, although it is not suitable for market, it is one of the most desirable Tomatoes for the home garden. **Pkt. 10c., ½oz. 30c., oz. 50c., ¼lb. $1.75, lb. $6.00.**

Truckers' Favorite

DWARF TOMATOES

These differ from the standard tall varieties by forming plants of a compact, bushy, erect habit of growth. When fully grown, the plants average 3 feet tall by 2 feet across. They should be tied to short stakes. Ideal for the small home garden.

DWARF STONE. The most popular of the dwarf kinds; quite early and a heavy cropper. Fruits large and solid, deep scarlet. **Pkt. 10 cts., oz. 40 cts., ¼lb. $1.35, lb. $4.00.**

DWARF GIANT, or **Dwarf Ponderosa.** Purplish crimson fruits of the largest size; flesh solid and contains few seeds. **Pkt. 10 cts., oz. 60 cts., ¼lb. $1.75, lb. $6.00.**

DWARF CHAMPION. Stocky plants, maturing early and bearing a large crop of medium-sized, smooth, purplish pink fruits. **Pkt. 10c., oz. 45c., ¼lb. $1.50, lb. $4.50.**

VARIOUS OTHER TOMATOES

YELLOW PONDEROSA. Similar in size and growth to Ponderosa; clear golden yellow; solid and mild in flavor. **Pkt. 15 cts., oz. 60 cts., ¼lb. $1.85, lb. $6.00.**

COMET. A popular variety for forcing. Prolific; fruits of medium size; bright scarlet. **Pkt. 15 cts., ½oz. 45 cts., oz. 80 cts., ¼lb. $2.50, lb. $8.00.**

LISTER'S PROLIFIC. For forcing. A great producer of handsome clusters of choice fruit. **Pkt. 15 cts., ½oz. 45 cts., oz. 80 cts., ¼lb. $2.50, lb. $8.00.**

STIRLING CASTLE. An extra-select forcing strain; medium-sized, bright red fruit; very productive. **Pkt. 15 cts., ½oz. 45 cts., oz. 80 cts., ¼lb. $2.50, lb. $8.00.**

SUNRISE (Carter's). One of the best of the English forcing Tomatoes. **Pkt. 15 cts., ½oz. 45 cts., oz. 80 cts., ¼lb. $2.50, lb. $8.00.**

SMALL-FRUITED or PRESERVING VARIETIES

Used principally for preserves or eaten raw; all very sweet and mild in flavor.

Yellow Peach
Red Peach
Yellow Plum
Red Plum
Yellow Pear
Red Pear
Yellow Cherry
Red Cherry
Red Currant
Golden Husk
Purple Husk

Each, pkt. 10 cts., oz. 50 cts., ¼lb. $1.65, lb. $5.00

HOW TO STAKE AND PRUNE FOR BIGGEST CROPS. Staked plants will bear from 30 to 50 per cent more of perfect fruits than any plants that spread over the ground. About July 4 place 5-foot stakes within 2 inches of the base of each plant. Then, with a sharp knife reduce each plant to 3 of the strongest branches. Tie the branches to the stake, and as the branches climb, remove all side-shoots at the base of each plant and all suckers which develop at the leaf-joints. When the plants reach the top of the stakes, begin to prune out the centers also.

TURNIPS

For early use, sow Turnip seed as soon as the ground can be prepared, scattering it in drills 15 inches apart, and thin the plants to stand 8 inches apart. Succession sowings may be made at intervals of a fortnight until the last of August. The sowings should be made just before a rain if possible, as the success of the crop depends, in a great measure, upon quick germination and the rapid growth of the young plants. Turnips develop best during cool weather; consequently, the main crop is usually started in August to mature in the cool fall months. For this reason, Turnips are a most desirable crop to follow other vegetables which are harvested early in the season. It is not advisable, however, to sow Turnips where cabbage or radish crops have been grown on account of the danger from root maggots. The larger sorts of Turnips and the Rutabagas are splendid keepers and at least a few should be grown in every garden for winter use. An ounce of seed will sow 150 feet of drill; 2 pounds will sow an acre.

White Milan Turnips

THE WHITE-FLESHED VARIETIES

EXTRA-EARLY WHITE MILAN. Extremely early and of fine quality. Roots white; flat; 2 to 2½ inches in diameter; maturing in 50 days from sowing. Valuable for first-early but not a keeper. **Pkt. 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.**

Purple-Top White Globe Turnips

PURPLE-TOP STRAP-LEAF. Later than Milan and larger. Suitable for both early and main crop; good keeper. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.**

PURPLE-TOP WHITE GLOBE. The most popular main-crop Turnip. Large, handsome, globe-shaped roots; noted for its heavy yield per acre; a splendid keeper. **Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.00.**

LARGE WHITE GLOBE. Produces globe-shaped roots of extra-large size. Skin and flesh pure white. Late; suitable for table use as well as stock feeding. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.**

WHITE EGG. A handsome Turnip of the finest quality; one of the best for the home garden. Large oval or egg-shaped roots with pure white skin and fine-grained white flesh. Medium early and a good keeper. **Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.00.**

COW HORN. Very long, slender roots; sweet, fine-grained flesh. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.**

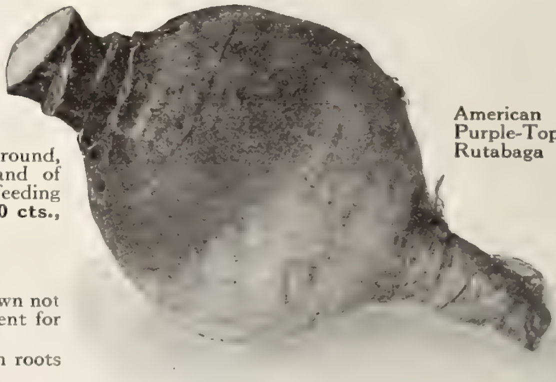
SEVEN TOP. Grown for the large tops which are used as greens; roots of no value. **Pkt. 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.**

YELLOW-FLESHED SORTS

These do not grow as rapidly as the white kinds, but their flesh is firmer and they keep better.

GOLDEN BALL. Roots of medium size; skin and flesh yellow; fine quality. **Pkt. 5 cts., oz. 10c., ¼lb. 25c., lb. 75c.**

YELLOW ABERDEEN. Roots round, extra-large; flesh very firm and of fair quality; largely grown for feeding to stock. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.**


American Purple-Top Rutabaga

RUTABAGAS, or SWEDISH TURNIPS

These grow to a very large size, requiring a long season, and should be sown not later than July first. They are grown chiefly for stock but are also excellent for cooking in spring.

IMPROVED AMERICAN PURPLE-TOP YELLOW. Hardy; large, firm roots with well-flavored, yellow flesh. **Pkt. 5c., oz. 10c., ¼lb. 25c., lb. 75c.**

SWEET GERMAN. Large roots with white skin and flesh; finest quality. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.**

SWEET AND MEDICINAL HERBS

Used for various culinary and medicinal purposes. Sow seeds of the perennials, marked thus (*), carefully in hotbeds early in the spring, and at the proper time transplant in permanent beds, in rows about 18 inches apart, setting the plants a foot apart in the row. In the winter they should be slightly protected with manure. The others are annuals, coming to perfection the first year, after which they die. Sow them in the open ground, early in the spring, in drills 12 to 15 inches apart, and thin out.

All varieties, 10 cts. per packet, except as noted.

Anise. Used for flavoring.
Balm. Made into balm tea for fevers.
Basil, Sweet. For soups and stews.
Borage. A pot-herb and for bees.
Caraway. Seeds are used in cakes, etc.
Chervil, Curled. For soups and salads.
Chives.* Used for garnishing.
Coriander. Seeds used in confectionery.
Dill. Used for pickling. **Oz. 15 cts.**
Fennel.* Used for pickling and sauces.
Fennel, Florence. Resembles celery in flavor.
Horehound.* Valuable for medicine.
Hyssop.* Medicinal and decorative.
Lavender (True). Used in perfume.
Marjoram, Sweet.
Marjoram, Pot. Used for seasoning.
Rosemary.* Aromatic; for seasoning.
Rue.* Used for medicinal purposes.
Sage.* Used for flavoring.
Savory, Summer. For flavoring.
Savory, Winter.* A hardy form.
Sorrel. Used as a salad.
Thyme. For sauces and dressings.

FIELD CORN AND GRAIN CROPS

Note, with Special Reference to Prices. At the early date at which, of necessity, this catalogue goes into the printer's hands, many of the seeds listed on this and the following two pages are still in the fields, curing or being harvested. It is impossible, therefore, to print prices. However, to protect our customers, as well as ourselves, we shall at all times be glad to submit latest quotations on any of the items listed. As the crops are turned into the warehouses and the fit is separated from the unfit, the price situation will become more settled and we feel sure that by taking this stand we are protecting the best interests of our customers.

Seeds are always quoted for prompt acceptance, terms "spot cash." All 2-bushel cotton sacks used in shipments are charged extra at cost price

PEDIGREED FIELD CORN SEED

Standard bushel of shelled corn weighs 56 lbs.

Thoroughbred stock. Tipped and butted before shelling and of the highest germination. Write for samples.

Reid's Yellow Dent. Ears 9 to 10 inches long, 16 to 20 rows; kernels light yellow, deeply dented; cobs medium size. Yields 85 to 100 bushels to the acre. Matures in about 110 days.

Improved Leaming. Medium-early and productive. Ears 8 to 11 inches long, 7½ to 8½ inches in circumference, 16 to 24 rows, well filled from tip to butt; grains glossy yellow, square and deep.

Lancaster County Sure-Crop. A comparatively new variety which might be described as an extra-large Leaming. Very productive, making a big growth of fodder.

Golden Surprise. This variety is not excelled by any on our list. Early and a fine ripener. Will mature as far north as any Dent Corn grown. Ears 9 to 10 inches long; grains deep yellow.

Pride of the North. This variety has a bright red cob, ears of medium size, with deep kernel. Many of the stalks have two good ears. Matures in 85 days.

Iowa Gold Mine. With the expert Corn-farmer, Gold Mine is known as a medium-early, between the 110-day and the extra-early sorts that mature in 85 days. The grain is deep and the cob is small. For this reason it dries out quickly, producing 62 to 63 pounds of shelled Corn to 70 pounds of ears.

White-Cap Yellow Dent. 100 to 110 days. Ears large; deep kernels, yellow with a creamy tip to each kernel. Productive of fodder as well as grain.

FODDER AND ENSILAGE CORN

Eureka. A vigorous grower with large stalks and unusually heavy foliage, producing from one to three ears to the stalk.

Red Cob, or **Imperial.** A tall-growing plant with a great quantity of side leaves, making it very desirable for ensilage Corn.

Virginia Horse-Tooth. The popular fodder Corn of the southern states; from 12 to 14 feet high, and stiff enough to stand up during severe storms. Seed is white, broad, and deep; white cob.

OATS, CHOICEST MONTANA-GROWN

Standard bushel weighs 32 lbs.

Early Newmarket. An unsurpassed new English pedigree Oats. Of vigorous growth, with strong straw. Very early and producing heavy crops of large, plump Oats with very thin heads.

Swedish, or **Washington.** Earliest of the heavy-yielding sorts; grains white, large, and plump. Very prolific.

Storm King. Grain short, plump, and thin-skinned. A heavy cropper. Straw stiff and strong. The best of the Side Oats.

See page 36 for description of New Victory Oats

BARLEY

Standard bushel weighs 48 lbs.

Beardless. Earlier and more hardy than the bearded varieties.

Wisconsin Six-Row. A heavy-yielding and plump six-rowed variety, introduced in 1906 by the Wisconsin Agricultural Experiment Station.

SPRING RYE

Standard bushel weighs 56 lbs.

Matures early in the season and makes an excellent green food when cut, or will supply pasturage for several weeks.

SPRING WHEAT

Standard bushel weighs 60 lbs.

Marquis. This is regarded as the finest of the spring Wheats. Reliable and very productive.

SUNFLOWER, MAMMOTH RUSSIAN

May be grown to advantage on waste ground. An excellent and cheap food for fowls. Plant 5 pounds to the acre. Lb. 25 cts., 5 lbs. $1.00.

When you are getting ready to buy please send us a list of the kinds of seed and the quantities of each you will need. We will quote you our best prices by return mail.

POP-CORN

White Rice. Shelled. Lb. 15 cts.

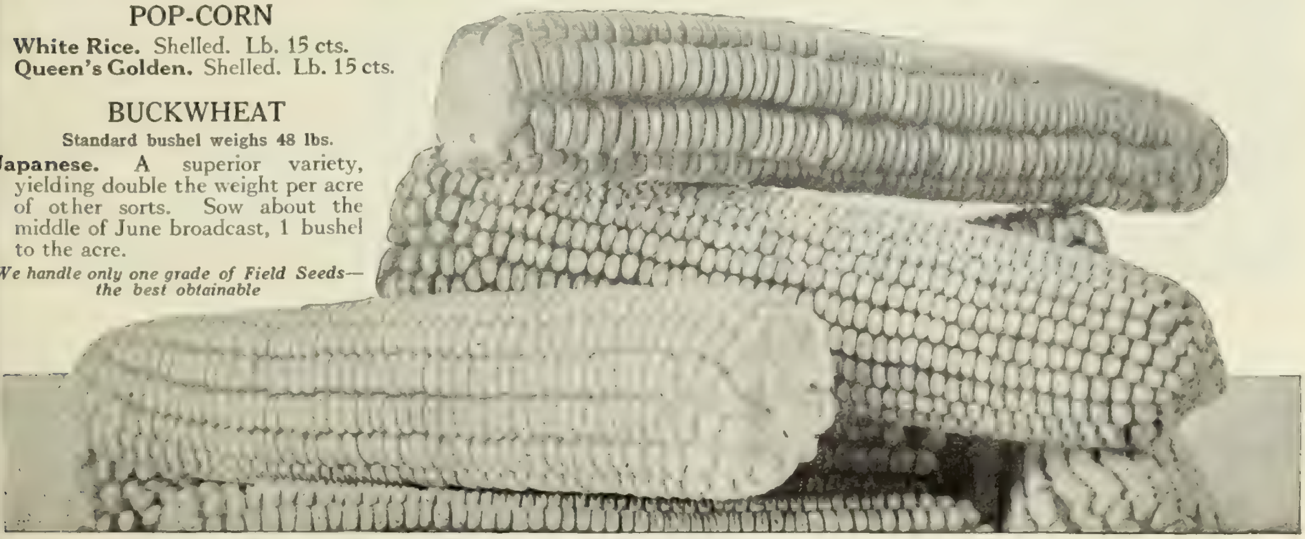
Queen's Golden. Shelled. Lb. 15 cts.

BUCKWHEAT

Standard bushel weighs 48 lbs.

Japanese. A superior variety, yielding double the weight per acre of other sorts. Sow about the middle of June broadcast, 1 bushel to the acre.

We handle only one grade of Field Seeds—the best obtainable



Beckert's Pedigreed Field Corn is grown and selected especially for seed purposes

A REMARKABLE SHOWING.—At the International Grain and Hay Show, held in connection with the International Livestock Exposition at Chicago, November 16 to December 3, 1921, the NEW VICTORY OATS won the sweepstakes over all entries. It tested 46.4 pounds to the bushel, with a record yield of 139 bushels on one acre

NEW VICTORY OATS

This splendid White Branch Oat originated at the Royal Seed Breeding School of Svallof, Sweden. Straw is good length, stands up well, and has a strong root system. Heads are branching and well filled with grain of the finest quality for milling or feeding purposes

Made Record Yields. The first seed imported was used in eight counties of New York State and the results were so satisfactory that a large importation was made in 1912. The New Victory has been grown equally as successfully in Pennsylvania, Ohio, Michigan, Indiana, Illinois, Wisconsin, Minnesota, the Dakotas, Montana, Wyoming, and Nebraska. In Shelby County, Illinois, these Oats yielded **134 bushels per acre.** Other states gave yields of 90, 95, 100, and 105 bushels per acre. In Sweden, where the weather was cool and ideal for maturing an Oat crop, the Victory Oats had yielded 125 to 150 bushels per acre, grain testing 40 to 48 pounds per bushel. **Price, bus. $2.50, 5 bus. $2.40 per bus., 10 bus., $2.25 per bus., 25 bus. and up, $2.10 per bus.**

FARMOGERM

A Seed Inoculant that Increases Crop Production

INOCULATED
Not Inoculated

Seeds of all legumes—beans, peas, clover, alfalfa, and related crops—will yield far better if inoculated with Farmogerm, and in addition leave in the soil a heavy deposit of nitrogen which benefits all succeeding crops. Gardeners and farmers who have used **Farmogerm** would not be without it.

For Mixed Clovers and Alfalfa.

¼-bus. size	$0 35
½-bus. size	60
1-bus. size	1 00
2½-bus. size	$2 25
10-bus. size	8 00

For Soy Beans, Cowpeas, Garden Beans and Peas, etc.

1-bus. size	$0 60
5-bus. size	$2 25

Special Garden Size, for Garden Peas, Beans, and Sweet Peas only, 25 cts.

Legume bacteria cannot live without air—FARMOGERM is the only culture put up with the patented ventilating stopper which supplies them with pure filtered air. ***That is why you know when you buy FARMOGERM that you are getting a culture which will produce results. It is guaranteed to be fresh, active and vigorous.***

McQUEEN'S (Dry)

For Clover and Alfalfa	Prices Postpaid
½-bus. size, treats 30 lbs. seed	$0 50
1-bus. size, treats 60 lbs. seed	1 00
Six 1-bus. sizes, treats 360 lbs. seed	5 00
Ten 1-bus. sizes, treats 600 lbs. seed	7 50

Soy Beans, Vetch and other Peas and Beans	Prices Postpaid
Small size, treats 50 lbs. seed	$0 50
Medium size, treats 100 lbs. seed	1 00
Large size, treats 300 lbs. seed	2 50
Combination garden size	25

NOD-O-GEN (In Jelly)

Garden size for Peas and Sweet Peas	$0 25
Garden size for Beans	$0 25

Sow Pine Tree Brand Seeds and insure a good crop at harvest

FORAGE CROPS AND GREEN MANURES

Prices of all Field Seeds are subject to market changes. For this reason we do not quote fixed prices in our catalogues, but ask our customers to write for latest market quotations when getting ready to buy. We handle the best grades only. Inoculate Soy Beans, Peas, and Vetches with *Farmogerm*.

SOY BEANS

Soy Beans not only make excellent hay but are one of the best green crops to plow under as a soil-enricher. While the plant perfects a fine amount of herbage and bears grain containing the highest per cent of protein and fat of any grain produced in the country, the roots are busy storing nitrogen in the soil, leaving it in better condition after the crop is harvested than it was before. Broadcast 1 bushel per acre. Write for prices and samples.

Ito San. A medium-early sort, desirable for hay and ensilage. Grows about 30 inches high, and is easily mown.

Wilson. An excellent variety for middle and eastern states. Grows 36 to 44 inches high; branches well, holds leaves, and the seeds do not shatter from pods after cutting. In Delaware it matures in 115 days.

Mammoth Yellow. Valuable as a forage crop and for silo purposes. It matures late, is very popular for forage purposes, also productive. Most valuable for growing in the southern states.

KAFFIR CORN

Used principally as green fodder, also for seed, which is largely used as a poultry feed; will grow any place where Sorghum thrives. For fodder sow 1 bushel to the acre; for feed 8 to 10 pounds to the acre, in rows 3 feet apart.

MILLET

Golden. (Southern-grown.) A valuable annual hay and fodder crop. Grows 4 to 5 feet high and matures quickly. Sow 1 bushel to the acre.

Japanese Barnyard. An excellent fodder plant; grows 6 to 8 feet high. Sow broadcast between middle of May and end of July, about 12 pounds to the acre.

FIELD PEAS and COWPEAS

Canadian Field Peas. Valuable for northern climates for cattle feeding and for green soiling; also used in large quantities for feeding pigeons. Sow 1½ bushels per acre with ½ bushel oats.

New Era Cowpeas. An upright-growing variety which matures quickly and produces a large crop of Peas. The vines are small but cure nicely and make a good forage.

Whip-poor-will Cowpeas. An early variety; grows upright, vigorous, and the crop is easy to harvest. The best for general purposes. Broadcast 1 bushel per acre.

RAPE

Dwarf Essex. A valuable forage plant which can be sown in this latitude as late as September. Sown broadcast at the rate of 10 pounds to the acre, or 5 pounds in drills.

SORGHUM, or SUGAR-CANE

Early Amber. Used principally as a summer fodder for cattle. Grows rapidly and at least two crops can be cut each season. The seed may be sown in drills about 30 inches apart, at the rate of 10 to 12 pounds of seed for an acre. If sown broadcast, use from 75 to 100 pounds of seed.

SUDAN GRASS

A strong, quick-growing annual grass, making enormous crops of hay or green forage. Broadcast 20 pounds per acre.

VETCHES, or TARES

Spring (*Vicia sativa*). Valuable for soiling or for green manuring. Use 2 to 3 bushels to acre, broadcast, or 1 to 2 bushels in drills.

Winter (*V. villosa*). Also called Sand or Hairy Vetch. For fall sowing. Sow 1 bushel of the seed per acre with 1 bushel of rye.

HIGHEST GRADE CLOVER SEEDS

Inoculate this Seed with FARMOGERM

Alfalfa, or **Lucerne** (*Medicago sativa*). Alfalfa will grow on any well-drained soil, but seems to prefer the upland soils containing an abundance of lime. It yields large crops of the most valuable hay. As a soil enricher, Alfalfa has few equals. After a field has been put in Alfalfa for several years, it is in better shape than it could ever be put by using tons and tons of manure. Sow broadcast at the rate of 25 to 35 pounds per acre. We carry the highest grade northwestern-grown seed only. Write for prices.

Alfalfa, Grimm. Very hardy. Because of its root-system, it will grow well over a hardpan soil, and is adapted to a wetter soil than the other Alfalfa. We recommend 15 pounds of the seed, sown broadcast, to the acre, as its stooling habit requires less seed to be sown than other Alfalfa offered.

Alsike, or **Swedish** (*Trifolium hybridum*). This is one of the hardiest varieties of Clover and the only Clover that will thrive on damp or slightly acid land. It is finer and more leafy than Medium Red but does not grow so high. It is often sown with Medium Red Clover and Timothy, and the quality of hay thus produced is excellent. Write for prices.

Mammoth Red (*Trifolium pratense perenne*). Also known as Cow Grass and Pea Vine Clover. Grows larger and lasts longer than Medium Red. Valuable for reclaiming exhausted land by plowing under as a green manure. Write for prices.

Crimson, or **Scarlet** (*Trifolium incarnatum*). This makes the earliest possible spring pasture, blooming the latter part of April or May. The seed may be sown any time from June to October, at the rate of 15 to 20 pounds to the acre. For feeding as hay, it should be cut just before it comes into bloom. Write for prices.

Medium Red (*Trifolium pratense*). The most widely grown of all the Clovers and one of the most valuable. It makes two crops a year; the first is usually cut when in blossom for hay, while the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. Like all of the Clovers, Medium Red does not exhaust the soil on which it is grown but actually enriches it with nitrogen. It may be sown either in spring or fall, at the rate of 10 to 15 pounds per acre if no other grasses are used. Write for prices.

White Sweet, or **Bokhara** (*Melilotus alba*). Biennial. Largely planted on light, sandy soils for turning under to improve the soil, and to inoculate it for future crops of Alfalfa. If wanted for feed or forage, it should be cut when quite young. Also a valuable bee-pasture. Write for prices.

Hubam, or **Annual White Sweet Clover.** Discovered at the Iowa State Agricultural College in 1916, its valuable qualities were recognized at once and every effort has been made to save and increase the seed from the original twenty-two plants. **Hubam Clover** is an annual form of the White Sweet Clover, accomplishing in one year everything that ordinary Clovers do in two. It begins to bloom in about 3 months after seeding and continues for several months, attaining a height of 6 to 7 feet. It thrives on any kind of soil and, once started, it is not in the least affected by the severest drought. Sow in early spring at the rate of 2 to 3 pounds to the acre if sown in rows, or 8 to 12 pounds to the acre if broadcast. Write for prices.

White Dutch (*Trifolium repens*). The best variety for lawns as it forms a close turf and remains green throughout the season. Sow 8 pounds to the acre alone, or 4 pounds when used with other grasses. Oz. 10 cts., 2 ozs. 20 cts., ¼lb. 35 cts., ½lb. 50 cts., lb. 90 cts., 5 lbs. $4.40, 10 lbs. $8.50.

HIGHEST GRADE GRASS SEEDS

Prices of Grass and Clover Seed fluctuate; rates here given are those ruling at this date, and are subject to change without notice. Write for special prices on large quantities

We sell only the highest grade of Grass Seed produced; of most Grass Seeds here offered there are various grades on the market—as many as five grades of some varieties. The weight of the best grades of Grass Seed is in some cases double the weight of lower grades of seed, consequently there is a corresponding difference in value and cost. We shall be pleased to submit samples.

Kentucky Blue Grass (*Poa pratensis*). The well-known standard American pasture grass. It thrives anywhere, although it displays a distinct preference for soils containing lots of lime. Where permitted to develop naturally, it grows from 10 to 15 inches high and lasts for years. Our seed is of fancy quality, heavy and free from chaff. Sow (if alone) 40 pounds to the acre. Lb. 75 cts., 5 lbs. $3.25, 10 lbs. $6.25, 25 lbs. $14.50, 100 lbs. $52.00.

Canadian Blue Grass (*Poa compressa*) Coarser than Kentucky Blue, but thrives better on clay and slightly acid soils. Lb. 60 cts., 5 lbs. $2.85, 10 lbs. $5.50, 25 lbs. $13.00, 100 lbs. $50.00.

Crested Dog's-Tail (*Cynosurus cristatus*). Used with other grasses for lawns and pastures on hard, dry soils. Lb. 65 cts., 5 lbs. $3.00, 10 lbs. $5.60, 25 lbs. $13.50, 100 lbs. $50.00.

Creeping Bent Grass (*Agrostis stolonifera*). The true South German Bent, imported directly by us. This is the best grass for putting greens. It is of rapid growth and spreading habit and the stoloniferous roots which it sends down into the soil form a strong, enduring turf that is positively improved by trampling. Lb. $2.25, 5 lbs. $11.00, 10 lbs. $20.00, 25 lbs. $46.50, 100 lbs. $165.00

English Rye Grass (*Lolium perenne*). A quick-growing pasture grass for all but very dry locations. It produces an abundance of fine foliage, tillers out close to the ground, and grows up again in a very short time after cutting. Also valuable for hay if cut when in blossom. Generally used with other grasses but may be sown alone where a very quick stand is desired. Sow (if alone) 50 to 60 pounds to the acre. Lb. 30 cts., 5 lbs. $1.50, 10 lbs. $2.50, 25 lbs. $6.00, 100 lbs. $22.50.

English Rye Grass. Pacey's Strain. Shorter grained and said to be more hardy than the ordinary English Rye. Lb. 30 cts., 5 lbs. $1.45, 10 lbs. $2.75, 25 lbs. $6.50, 100 lbs. $25.00.

Hard Fescue (*Festuca duriuscula*). For lawns and grazing pastures. Good in shady locations and on poor or dry soils. Lb. 55 cts., 5 lbs. $2.35, 10 lbs. $4.50, 25 lbs. $10.50, 100 lbs. $37.50.

Italian Rye Grass (*Lolium italicum*). An annual grass, used mostly in pasture mixtures for the sake of its quick growth and to assist other grasses the first year. Lb. 30 cts., 5 lbs. $1.35, 10 lbs. $2.50, 25 lbs. $5.50, 100 lbs. $20.00.

Meadow Fescue (*Festuca pratensis*). One of the most nutritious and durable pasture grasses. Lb. 35 cts., 5 lbs. $1.50, 10 lbs. $2.85, 25 lbs. $6.50, 100 lbs. $24.00.

Orchard Grass (*Dactylis glomerata*). A hardy, vigorous grass, valuable for both hay and pasture. It thrives in shade and produces large crops even on poor soil. Sow at the rate of 20 to 25 pounds per acre. Lb. 40 cts., 5 lbs. $1.75, 10 lbs. $3.25, 25 lbs. $7.50, 100 lbs. $27.00.

Red Fescue (*Festuca rubra*). A semi-creeping, fine turf grass which thrives on the sandiest soils and in deep shade. Used in golf mixtures. Lb. 55 cts., 5 lbs. $2.50, 10 lbs. $4.85, 25 lbs. $11.25, 100 lbs. $40.00.

Red-Top Fancy (*Agrostis palustris*). A valuable all-round grass for hay, pasture, and lawn. As a turf grass, it withstands the hardest kind of usage, and it is one of the few grasses that will thrive on damp, sour land. Pure hulled seed. Lb. 65 cts., 5 lbs. $2.90, 10 lbs. $5.50, 25 lbs. $12.75, 100 lbs. $46.25.

Sheep's Fescue (*Festuca ovina*). For pastures, on thin, poor soil. Lb. 55 cts., 5 lbs $2.35, 10 lbs. $4.50, 25 lbs. $10.50, 100 lbs. $37.50.

Timothy (*Phleum pratense*). The great American hay grass. Perfectly hardy. Often sown with Red Clover at the rate of 8 to 10 pounds of Timothy with 3 to 4 pounds of Red Clover per acre. Best grade only. Lb. 15 cts., 5 lbs. 70 cts., 10 lbs. $1.30, 25 lbs. $2.95, bus. $4.95.

Lawn Grass Mixtures are listed on page 2.

SPECIAL GRASS SEED MIXTURES

For Permanent Hay Crops and Pastures, Sow Either Spring or Fall

These mixtures are a combination of the most suitable grasses and clovers, the proportionate quantities of each being determined by the nature of the soil where they are to be sown, the situation and the purpose intended for. A blend of grasses and clovers produces larger and more satisfactory crops than when only one or two varieties are sown.

PERMANENT MIXTURES FOR HAY

	10 lbs.	25 lbs.	100 lbs.
For medium land. 50 lbs. per acre	$3 00	$6 75	$25 00
For dry land. 50 lbs. per acre	3 00	6 75	25 00
For heavy, wet land. 50 lbs. per acre	3 00	6 75	25 00

PERMANENT MIXTURES FOR PASTURE

	10 lbs.	25 lbs.	100 lbs.
For medium land. 50 lbs. per acre	$3 00	$6 75	$25 00
For dry land. 50 lbs. per acre	3 00	6 75	25 00
For heavy, wet land. 50 lbs. per acre	3 00	6 75	25 00

For Beckert's Evergreen Lawn Seed and other Lawn Mixtures, see page 2.

Federal Garden Tractor with Mower Attached

The Federal Garden Tractor

The Federal Garden Tractor, with Mower attached, has proved by actual performance on large estates to combine the highest degree of efficiency with the greatest economy of operation. It requires no pushing or pulling. Simply guide its course. It is perfectly balanced and easy to guide. With the Federal a boy can cover as much ground as six men can with hand mowers. The Lawn Mower attachment of the Federal Garden Tractor is the finest Mower made.

Federal Garden Tractor with one pair of Hoes, Model A	**$195 00**
30-inch Lawn Mower with attachments (only)	**75 00**
21-inch Lawn Mower with attachments (only)	**50 00**

BECKERT'S SELECT FLOWER SEEDS

In the following pages we offer a **carefully chosen** list of **Flower Seeds,** in which no want of the flower-garden has been neglected, the numerous varieties insuring a wide range of color, form, height, habit and season, thus permitting selection for any purpose.

Please use the Order Sheet that is enclosed in catalogue; by so doing, the filling of orders is speeded, and the chance of errors lessened. Order by number and name, or by number only.

The Successful Flower-Garden from Seeds

The growing of flowers from seeds is not difficult, provided a few simple facts are borne in mind. In the first place, please remember that none of the flower seeds, with comparatively few exceptions, sprout as strongly as vegetable seeds. For this reason it pays to take particular pains in preparation of the soil, since even the smallest lump may cause the tiny seedlings to be smothered. Most people make the mistake of covering seeds entirely too deeply. As a general rule, remember that all fine seeds should not be covered any more than just sufficiently to keep them in place and to prevent the wind from blowing them away or the birds from eating them.

Soil Preparation

If possible, the ground where the flower-garden is to be should be dug the preceding fall, since the alternate freezing and thawing during the winter will do a great deal to put soil in mellow condition. Incorporate lots of well-rotted manure, compost, or humus, and, should the soil be a heavy clay or of similar stiff character, add lots of sand or ashes.

Lay out your beds in straight rows rather than by scattering seeds at random. It is much easier, then, to discover the seedlings, and it is but little trouble to transplant them where they are wanted when they become large enough.

"Seed-flat" at work. Start your fine flower beds this way

Sowing Fine Seeds

It pays, in connection with the more expensive varieties and strains, to exercise particular care and to sow seeds in flat wooden boxes, commonly called "seed-flats." These are made up of wooden boards and may measure approximately 12 by 18 inches, with a depth of 4 inches. This sort of flat is filled to within ½ inch of the top with finely sifted soil, and the seeds are then sown in shallow furrows about 4 inches apart, with a label at the head of each row to indicate where the seedlings should appear. At first these seed-flats should be kept covered with glass or moist paper to prevent too rapid evaporation of moisture. Give seedlings plenty of fresh air.

Cultivate Patience

In connection with many Biennials and Perennials we must urge you to exercise patience. All Perennials, with the exception of a very few, are of slow germination. We give herewith a selection of Annuals and Perennials which, we are satisfied, cannot fail to give satisfactory results, and which we can heartily recommend for the various purposes.

The Most Useful Annuals for Beds and Borders

Ageratum, blue. Alyssum, white. Asters, all colors. Candytuft, several colors. Celosias, mostly reds and yellows. Dianthus, many colors. Dimorphotheca, or Golden Orange Daisy, and its many yellow hybrids. Eschscholtzia, or California Poppies, in several colors. Hunnemannia, or Bush Eschscholtzia, the big yellow Tulip Poppy. Dwarf French Marigold. Dwarf Nasturtiums in many colors. Petunias, colors and mixtures. Phlox Drummondii, all colors. Portulaca, single and double. Verbenas in many colors and color combinations.

The Most Useful Annuals for Cut-Flowers

Antirrhinum, or Snapdragon, in a wonderful assortment of colors. Asters of all kinds and colors. Calendula, or Pot Marigold. Calliopsis in many colors. Celosia plumosa. Magnificent. Centaurea cyanus of many kinds. Centaurea imperialis and Sweet Sultan. Chrysanthemum, with many bicolor flowers. Cosmos, both early- and late-flowering. Dianthus, or Pinks. Everlastings for winter decorations. Helianthus, or Sunflowers, especially the Cucumerifolius type. Larkspur of several types, in many shades. Mignonette, Nasturtiums, Nigella, Salpiglossis, Scabiosa, Sweet Peas, and Zinnias.

Most Easily Grown Perennials or Old-Fashioned Hardy Plants

Aquilegia, or Columbine. Candytuft, gibraltarica and sempervirens. Carnations. Centaurea americana and montana. Coreopsis, or Harvest Moon. Delphinium. Dianthus, or Hardy Garden Pinks. Scotch Pinks, and Feather Pinks. Digitalis, or Foxglove. Gypsophila paniculata, or Baby's Breath. Lupinus. Platycodon, or Chinese Bellflower. Hardy Phlox. Scabiosa, or Mourning Bride, Japonica and Caucasica varieties. Stokesia Cyanea, or Cornflower Aster. Viola cornuta.

NOTE.—To quickly find any or all of the above flowers, consult complete index on last page.

Explanation of Abbreviations Used in the Descriptions

HARDY ANNUALS, HA. These should be sown outside in April or May, according to season, latitude, and condition of soil; or they may be sown at a somewhat earlier date in a hotbed or greenhouse, the combining of the two methods being advisable, thereby providing for a succession of plantings if both sowings prosper. Seed sown under glass will also produce earlier-blooming plants than seed sown outdoors.

HALF-HARDY ANNUALS, HHA, HALF-HARDY BIENNIALS, HHB, and HALF-HARDY PERENNIALS, HHP. These may be sown indoors, as above directed, from March to May, and outdoors after the middle of May. Many of the Biennials and Perennials will bloom the first season if sown early.

HARDY BIENNIALS, HB, and HARDY PERENNIALS, HP, can be sown outdoors as soon as the soil is in good tillable condition. If sown early indoors, many of them will bloom the first season. Sowings made from July to September will produce well-established plants for the next season. These should be somewhat protected during the winter. Many seeds of Hardy Biennials and Hardy Perennials are of very slow germination, and seeds of such should not be condemned as bad if a quick germination does not show.

TENDER ANNUALS, TA, TENDER BIENNIALS, TB, and TENDER PERENNIALS, TP, can be sown in March in the green-house or in hotbeds in shallow boxes. Transplant to secure sturdy plants, which can then be planted outdoors after danger of frost is over, about May 15.

HHA, HHB, and **HHP** designate Half-Hardy Annuals, Biennials and Perennials.

HB and **HP** designate Hardy Biennials and Perennials.

TA and **TP** designate Tender Annuals and Perennials.

Any species or variety to which no letters are affixed are to be considered as Hardy Annuals.

As a Matter of Record

Cultivate the habit of keeping records of what you are doing in the garden. Garden records consist of plans, planting notes, and individual wooden labels with which each row should be marked. By means of these records it is possible to determine just which varieties of vegetables or flowers are best suited to your locality. In connection with all rows of flower seeds, and especially where seeds are sown in seed-flats, as illustrated above, we feel that 4-inch wooden labels are amply large enough to mark the rows. On these labels should be written the name of the variety and the date when the seeds were sown. For the convenience of our customers we provide 4-inch painted wooden labels for this purpose at 35 cts. per 100, postpaid.

ALL FLOWER SEEDS IN PKTS., BY THE OZ., OR LB., ARE SENT POSTPAID AT CATALOGUE PRICES

RARE NEW FLOWERS FOR 1926

Verbena hybrida grandiflora

Giant Mammoth Zinnia

Mary Pickford Sweet Peas

NEW GIANT MAMMOTH TYPE ZINNIAS

In presenting the below type, we offer a rare collection of striking and desirable colors. We have overcome the objectionable feature of the old giant type—the conical shape—our new Giants having smaller centers and more loosely placed petals, while the size of the flower has been notably increased over the Giant Plenissima.

Orange King. A striking shade and can be compared favorably with the color of the calendula from which it takes its name.

Lemon Queen. Immense size. Petals light canary on the upper and cerise on the lower side, the two shades blending as the flower develops, making a variety of lemon tints. It is also unique inasmuch as it carries a pleasant odor.

Purity. Like the Polar Bear, Dahlia-flowered type, it is a clean white.

Rose Queen. Opens first as bright rose with a deep rose-red center and gradually develops into a warm deep rose when in full bloom.

Any of the above, pkt. 35 cts., 4 pkts. $1.00

VERBENA HYBRIDA GRANDIFLORA

A magnificent new strain of Verbenas of robust compact habit and free blooming. The trusses are immense, the individual florets measuring an inch in diameter. These Verbenas are fixed and come true from seed.

Blue. White eye.
Coccinea. Scarlet; small eye.
Pure White.
Rose Cardinal. Large white eye.
Rosea Stellata. Rose-pink; white eye.
Gigantea, Mixed.

Any of the above named varieties, pkt. 25 cts., 5 pkts. $1.00.
Mixed, pkt. 25 cts.

MARY PICKFORD SWEET PEA

This new Sweet Pea is a sturdy grower, producing an abundance of four-flowered sprays on long, stout stems. Is a beautiful light and dainty cream-pink, with just the faintest suffusion of salmon, making the color combination difficult to equal and most hard to surpass. The flowers are perfectly formed, with both standards and wings decidedly waved, and the keel blends nicely with the coloring of the entire flower. The individual flowers are most gracefully placed. Sold in packets only. **Pkt. 25 cts., 5 pkts. $1.00.**

CHOICE FLOWER SEEDS

Beckert's Complete Selection for Garden and Greenhouse

ABUTILON (Flowering Maple). **TP.** Valuable house-plants and suitable for the outdoor garden except in the extreme northern states. If sown early indoors in boxes, or in the hotbed, they will bloom the first season. The plants should be lifted in the fall and brought indoors, where they will flower throughout the winter.

2006 **Hybridum maximum.** Giant-flowering. Flowers held upright, ranging in colors from cream to golden yellow and from white to rose. Free blooming. Pkt. 25 cts.

2015 **ACHILLEA, The Pearl. HP.** Dainty, pure white, double flowers; easily grown from seed sown in ordinary garden soil, preferably a space open to the sunlight and in a well-drained situation. Will flower the first season if sown early and blooms continuously from spring to fall. Grows to a height of about 2 feet. Pkt. 10 cts.

2020 **ACONITUM Napellus** (Monkshood). **HP.** Lovely, dark blue flowers and handsome foliage. Fine for borders and masses. If sown early, Monkshood will usually bloom the first year but the flowers are best the second season. Thrives in shady places. Pkt. 10 cts., ¼oz. 75 cts.

A Border of Ageratum

Ageratum HA

Extensively used for borders, ribbon lines, etc. Blooms all summer. Sow early for best results.

2036 **Blue Perfection.** Semi-dwarf; large, deep blue flowers. Fine for edging flower-beds and walks. Pkt. 10 cts., ¼oz. 25 cts.

2040 **Little Blue Star.** Very dwarf—only 4 to 6 inches high; light blue flowers. Pkt. 20 cts.

2042 **Little Dorrit, Azure-Blue.** Low-growing and spreading. Pkt. 10 cts., ¼oz. 25 cts.

2043 **Little Dorrit, Pure White.** The best low-growing white. Pkt. 10 cts., ¼oz. 25 cts.

2047 **Princess Victoria Louise.** Dwarf, compact and bushy; lovely blue flowers with white centers. Pkt. 10 cts., ¼oz. 40 cts.

2051 **AGROSTEMMA Coeli-rosa** (Rose of Heaven). **HA.** Dainty little rose-colored flowers from July to September; nice for cutting. Pkt. 10 cts., ¼oz. 20 cts.

2053 **Coronaria atrosanguinea** (Mullein-Pink). **HA.** Deep blood-red, star-shaped flowers; silvery foliage; free-flowering hardy perennial of easy culture; blooms the first season; fine for cutting; 2½ to 3 feet. June to August. Pkt. 10 cts., ¼oz. 30 cts.

2027 **ADLUMIA cirrhosa** (Allegheny Vine, or Mountain Fringe). **HB.** A fine vine for damp, cool spots; pink flowers. Sow the seed in spring; transplanting, if necessary, should be done in the fall. The plants do not attain their full growth and produce flowers until the second season. Pkt. 15 cts.

ADONIS. Very pretty, low-growing plants of the easiest culture; fine in masses and continuous bloomers.

2029 **Æstivalis** (Pheasant's Eye). **HA.** Bright scarlet. Pkt. 10 cts., ¼oz. 25 cts.

2031 **Vernalis** (Ox-Eye). **HP.** Large, yellow flowers; bloom the first season. Pkt. 15 cts., ¼oz. 50 cts.

ANEMONE (Windflower). **HP.** Lovely flowers in many shades of scarlet, blue, purple, and white; often over 2 inches in diameter, durable and elegant for cutting; finely cut foliage. 8 to 10 inches.

2105 **Double Chrysanthemum-flowered.** Fine, full double flowers in splendid mixture. Pkt. 15 cts.

2107 **St. Brigid.** Single and semi-double flowers in a wonderful array of colors. Pkt. 15 cts.

2205 **ARABIS alpina. HP.** A fine border plant, with verbena-like heads of snow-white flowers. Pkt. 10 cts., ¼oz. 30 cts.

Anchusa italica, Dropmore

Alyssum HA

A great favorite for borders and edging, as well as for baskets and window-boxes. Thrives anywhere and blooms all summer.

2070 **White Sweet Alyssum.** Honey-scented. Pkt. 10 cts., oz. 35 cts.

2071 **Little Gem.** Compact and bushy, erect-growing, covered with snowy white flowers; 4 to 6 inches high. Pkt. 10 cts., oz. 60 cts.

2072 **Lilac Queen.** Like Little Gem in growth, but the flowers are delicate lavender; sweet-scented. Pkt. 10 cts., oz. 70 cts.

2074 **Carpet of Snow.** Low and spreading; each plant about 1½ feet across and only 3 inches high; flowers white. Pkt. 10 cts., oz. 85 cts.

2078 **ALYSSUM saxatile compactum** (Gold Dust). **HP.** Dwarf and bushy, bearing masses of pale yellow flowers in early spring. Thrives in the poorest soils and is particularly useful in rock-gardens. One of the most satisfactory creeping hardy plants. Pkt. 10 cts., ¼oz. 35 cts.

AMARANTHUS. HHA. Strong growers, requiring plenty of room, with decorative foliage and flower-spikes. Useful for tall borders, centers of beds, and among shrubbery.

2086 **Caudatus** (Love-Lies-Bleeding). Bronzy foliage and drooping, blood-red racemes. 2 to 3 feet. Pkt. 10 cts., ¼oz. 30 cts.

2088 **Tricolor splendens gigantea** (Joseph's Coat). Foliage scarlet, yellow and green. 4 feet. Pkt. 10 cts., ¼oz. 35 cts.

2092 **AMPELOPSIS Veitchii** (Boston Ivy). **HP.** An elegant hardy vine, attaching itself to stone, brick or woodwork. Stands dust and smoke well. The beautiful foliage takes on rich autumn tints. Pkt. 10 cts., oz. 45 cts.

2098 **ANCHUSA italica, Dropmore. HP.** Plants 3 to 5 feet tall, bearing beautiful, large blue flowers in abundance during May and June. Pkt. 10 cts., ¼oz. 40 cts.

2210 **ARCTOTIS grandis. HHA.** Bushy and free-flowering; daisy-like, white flowers with lavender or violet centers. 2 feet. Pkt. 10 cts., ¼oz. 30 cts.

Beckert's New Mammoth Snapdragons

Aquilegia (COLUMBINE) HP

The hardy Columbines are among the earliest flowering perennials. They are easily grown, thriving in comparatively poor soil and in partial shade, and are general favorites for border planting. Many of the seedlings vary from type but all are beautiful. 1½ to 2 feet.

2195 **Cærulea** (Rocky Mountain Columbine). Large flowers with long spurs; deep blue and white. One of the finest. Pkt. 10 cts., ⅛oz. 50 cts.
2196 **Cærulea hybrida, Rose Queen.** Beautiful rose shades with white centers. Pkt. 15 cts.
2190 **Californica hybrida.** Golden yellow and scarlet; long, slender spurs. Pkt. 10 cts.
2192 **Chrysantha.** Pure yellow, long spurs; unusually large flowers. Pkt. 10 cts., ⅛oz. 50 cts.
2193 **Chrysantha grandiflora alba.** Large, double, ivory-white flowers. Pkt. 15 cts.
2197 **Mrs. Scott Elliott's Hybrids.** A famous strain of long-spurred Columbines, particularly rich in the light colors and pastel shades. We offer seed direct from the originators. Pkt. 25 cts.
2198 **Long-spurred Hybrids.** This wonderful selection comprises many new and beautiful shades and combinations. The plants are vigorous and stately in growth, producing their large and elegantly spurred flowers in abundance. Pkt. 15 cts., ⅛oz. 75 cts.
2199 **Double Mixed.** Many colors. Pkt. 10 cts., ⅛oz. 40 cts.

2475 **AUBRIETIA, Large-flowering Hybrids** (Rock Cress). **HP.** Perpetual bloomers, in growth resembling Alyssum. Large flower-sprays in many shades of crimson, purple, blue, pink and lilac; evergreen foliage. Pkt. 25 cts., ⅛oz. $1.00.

Antirrhinum (SNAPDRAGON) HHB

For exquisite form and color and for all-round usefulness there are few flowers to compare with the Snapdragons. Although they are really biennials or short-lived perennials, they bloom freely the first season from seed started in early spring. If cut back and potted up in September they will bloom nearly all winter, or they may be left outdoors with some protection over winter to bloom again in the spring. For summer flowers sow the seed indoors in March and transplant to the open ground in May, choosing, if possible, a moist location and cultivating frequently. About 80 per cent of the seedlings come true to color.

BECKERT'S NEW MAMMOTH SNAPDRAGONS

Far surpassing in vigor of growth and size and profusion of blossoms any of the tall, large-flowering strains previously grown, Beckert's New Mammoth varieties represent the highest development yet attained in Antirrhinums. 2½ to 3 ft.

2109 **Snowflake.** Pure white, with just a suggestion of yellow to brighten the flower in the throat.
2111 **Apple Blossom.** Strong stems, bearing masses of big flowers; delicate rosy pink with yellow lip and pure white throat.
2112 **The Rose.** Flower of extraordinary size; clear, deep rose-pink.
2114 **Ruby Giant.** Carmine center, shading to scarlet at the edges; yellow lip.
2115 **Canary Bird.** Clear delicate canary-yellow. The pure color of this flower is unusually pleasing.
2117 **Old Gold.** Deep golden yellow, changing toward the center into bright terra-cotta—a fine blend of autumn colors.
2118 **Wallflower.** Bronzy orange shading to coppery red at the edges and to clear deep yellow in the tube. Immense.
2119 **Copper King.** Bright scarlet with a warm copper sheen.
2122 **Lilac Spray.** Flowers of the largest size; lilac-purple with yellow throat.
2123 **Purple Glow.** Glorious, deep rosy purple flowers; enormous spikes.

Each, pkt. 20 cts., 3 pkts. for 50 cts.

TALL LARGE-FLOWERING SNAPDRAGONS

These grow to a height of 2 to 2½ feet, with strong stems and well-filled spikes of large flowers. They are the standard varieties for cutting.

2130 **Philadelphia Pink.** A new, pure light rose-pink specially selected for forcing and one of the finest Snapdragons for that purpose in existence. 2½ to 3 ft. Small pkt. 50 cts., large pkt. $1.00.
2125 **Giant White.** Pure white.
2129 **Venus.** Light rose-pink.
2135 **Giant Rose.** Deep, rich rose.
2139 **Giant Scarlet.** Vivid scarlet.
2143 **Giant Garnet.** Dark, velvety crimson.
2147 **Giant Yellow.** Golden yellow.
2151 **Giant Striped.** Odd colors.

Each of the above, pkt. 10 cts., ¼oz. 30 cts., oz. $1.00

2153 **Giant Mixed.** All desirable shades. Pkt. 10 cts., ¼oz. 30 cts., oz. $1.00.

SPECIAL FORCING SNAPDRAGONS

The three varieties below are especially recommended for forcing under glass.

2156 **Silver Pink.** Pearly pink self.
2158 **Peerless Pink.** LaFrance-pink.
2159 **Gloria.** Rich deep rose-pink.

Pkt. 20 cts., 3 pkts. 50 cts.

LARGE-FLOWERING SEMI-DWARF VARIETIES

Sturdy, compact plants, about 1½ feet high; profuse bloomers with large flowers; splendid for bedding. We offer improved large-flowered sorts.

2161 **Mont Blanc.** Snowy white.
2163 **Cottage Maid.** Coral-pink, yellow lip, and white throat.
2165 **Daphne.** Blush-pink, white tube.
2164 **The Fawn.** Rosy amber.
2167 **Rose Queen.** Rich rose.
2169 **Defiance.** Bright scarlet, shading to orange.
2171 **Firebrand.** Deep, glowing red.
2175 **Golden Queen.** Yellow.

Each of the above, pkt. 10 cts., ¼oz. 45 cts., oz. $1.50

2179 **Finest Mixed.** Pkt. 10 cts., ¼oz. 40 cts., oz. $1.30.
2185 **Tom Thumb, Mixed.** A very dwarf, bushy type, fine for edging. Many colors. 8 to 10 in. Pkt. 10c., ¼oz. 40 cts.

ASPARAGUS (Florists'). **TP.** Graceful plants extensively grown for their dainty, emerald-green foliage, which is used in floral designs and bouquets.

2221 **Plumosus nanus.** The florists' "asparagus fern." Beautiful sprays of misty, fern-like foliage. Pkt. 25 cts., 100 seeds 85 cts.
2223 **Sprengeri.** The best variety for pots and baskets. Pkt. 15 cts., 100 seeds 45 cts.

Long-spurred Aquilegia

Asters HHA

No garden is complete without the China Asters. Lovely in form and color and easy to grow, they make most attractive beds and are the leading cut-flower from midsummer until the appearance of the chrysanthemums. They come in many types, differing in form of flower, habit of growth, and season of bloom.

Asters delight in a rich, moist soil, and, to produce the largest and finest flowers, they should have plenty of room and be given frequent cultivation. For the earliest flowers, start the seed indoors in March and transplant the seedlings to the open ground when they are about 4 inches high. For later bloom, the seed may be sown in the garden in May, after the soil is warm. The plants should be thinned out to stand at least a foot apart.

Early Branching Royal Aster

NEW CALIFORNIA GIANT ASTERS

In this splendid new strain, the earliness and the beautiful fluffy Comet type of flower of the Crego Asters is combined with the giant size and vigor of the American Beauties. The flowers are full-centered and substantial, averaging 5 to 6 inches across, and produced on stout stems 18 to 24 inches long without disbudding. We urge all who grow Asters for cut-flowers to try the California Giants, believing they are destined to become the most valuable of all Asters for cutting.

2392 **Peach Blossom**
2398 **Purple**
2394 **Deep Rose**
2396 **Light Blue**

Pkts. only, 20 cts. each, 3 for 50 cts.

EARLY AMERICAN BEAUTY ASTERS

The American Beauty Asters produce the largest flowers on the longest stems of any of the Asters, rivaling the chrysanthemums in size and beauty. On account of their immense size and long, stout stems they are preëminently desirable for cutting. The flowers have the incurving petals and full-centered form of the popular Late Branching type. There are two strains of the Giant American Beauty Asters. The varieties we list are of the so-called early type, blooming at the same time as the Cregos and American Branching.

2421 **Pure White**
2422 **Flesh-Pink**
2423 **Rose-Pink**
2424 **Rose-Carmine**
2425 **Crimson**
2427 **Lavender**
2428 **Azure Fairy**
2430 **Purple**

Each, pkt. 20 cts., ⅛oz. 75 cts., ¼oz. $1.35

We offer the best of the many standard strains below, listing them in the order in which they come into flower to guide those who wish to plant for a constant succession of bloom from July until frost.

QUEEN OF THE MARKET ASTERS. The first to bloom. Of medium height and branching habit. Popular for early cut-flowers. 18 inches.

2241 **White**
2242 **Blush-Pink**
2245 **Rose**
2248 **Scarlet**
2249 **Crimson**
2251 **Lavender**
2254 **Dark Blue**
2255 **Purple**
2258 **Mixed Colors**

Each, pkt. 10 cts., ¼oz. 45 cts., oz. $1.50

EARLY BRANCHING ROYAL ASTERS. These follow the Queen of the Market Asters. Large, full, double flowers on long, straight stems. Free-blooming and fine for cutting. 2 feet.

2260 **White**
2262 **Shell-Pink**
2264 **Bright Rose**
2268 **Lavender**
2272 **Purple**
2274 **Mixed**

Each, pkt. 10 cts., ¼oz. 60 cts., oz. $2.00

DAYBREAK ASTERS. Bloom in August, following the Royals. Compact plants with flowers borne upright in great profusion. Splendid for bedding. 18 inches.

2284 **White**
2285 **Shell-Pink**
2287 **Rose-Pink**
2288 **Salmon**
2290 **Scarlet**
2292 **Lavender**
2293 **Azure-Blue**
2295 **Purple-Violet**
2296 **Canary-Yellow**
2297 **Mixed Colors**

Each, pkt. 10 cts., ¼oz. 70 cts., oz. $2.50

INVINCIBLE EARLY BRANCHING. Tall-growing; branching habit; fine for cutting; coming into bloom about a week earlier than the American Late Branching Asters, which they resemble.

2310 **White**
2312 **Light Rose-Pink**
2316 **Red**
2318 **Lavender**
2320 **Purple**
2322 **Mixed**

Each, pkt. 10 cts., ¼oz. 45 cts., oz. $1.50

THE ASTERMUMS. Giant flowers, resembling chrysanthemums, on long, stiff stems. 2 feet.

2335 **White**
2336 **Shell-Pink**
2338 **Rose-Pink**
2342 **Lavender**
2347 **Mixed Colors**

Each, pkt. 10 cts., ¼oz. 60 cts., oz. $2.00

CREGO'S GIANT COMETS. Sturdy, branching plants, 2 feet tall. Large, fluffy flowers with flat, recurved, twisted petals on good stems. Fine for both bedding and cutting.

2350 **White**
2351 **Shell-Pink**
2353 **Deep Rose**
2355 **Crimson**
2357 **Lavender**
2358 **Azure-Blue**
2360 **Purple**
2362 **Mixed**

Each, pkt. 10 cts., ¼oz. 50 cts., oz. $1.75

THE KING ASTERS. A distinct and most attractive type, producing large flowers with straight, quilled petals on long, stiff stems. 20 inches.

2375 **White**
2377 **Shell-Pink**
2379 **Rose**
2382 **Crimson**
2383 **Lavender**
2385 **Violet**
2387 **Mixed Colors**

Each, pkt. 10 cts., ¼oz. 50 cts., oz. $1.75

SEMPLE'S, or AMERICAN LATE BRANCHING. Blooming in September, these are the most popular and widely grown of all the Asters. Vigorous plants, 2½ feet or more in height, covered with large, double flowers on extra-long stems. Excellent for cutting.

2401 **Pure White**
2402 **Shell-Pink**
2403 **Light Rose**
2404 **Deep Rose**
2407 **Crimson**
2408 **Lavender**
2409 **Azure-Blue**
2411 **Purple**
2414 **Mixed**

Each, pkt. 10 cts., ¼oz. 45 cts., oz. $1.50

2450 **BECKERT'S "ALL AMERICAN" BLEND OF ASTERS.** For those who want a big bed of these splendid flowers for cutting from the very beginning of the Aster season until frost, with all of the fine American types represented. This mixture contains the varieties that are most suitable for cut-flowers, in a well-balanced assortment of colors, with plenty of white, rose-pink and lavender. Exceptional value. Pkt. 10 cts., ¼oz. 40 cts., oz. $1.35, ¼lb. $4.50.

2455 **SINGLE ASTERS MIXED.** Many gardeners prefer to plant the single Asters with their big, daisy-like flowers in all the attractive Aster colors. We offer a special blend of large-flowered sorts. Pkt. 10 cts., ¼oz. 35 cts., oz. $1.10.

OTHER STANDARD VARIETIES OF ASTERS ARE LISTED ON THE NEXT PAGE

ASTERS, continued

VARIOUS SPECIAL STRAINS

2437 **Crimson Giant.** Of strong, upright growth, 2½ feet tall, blooming with the Cregos. Large, double, bright crimson flowers on extra-long, stiff stems. Pkt. 10 cts., ¼oz. 60 cts., oz. $2.00.

2439 **Heart of France.** Plants 2 feet high, of branching habit; flowers medium size, rich dark red. Pkt. 25 cts., ¼oz. $1.00.

2442 **Moreton's Pink.** Upright Comet Type. Beautiful shade of flesh-pink. Pkt. 10 cts., ¼oz. 50 cts., oz. $1.75.

2443 **Peerless Pink.** Delicate rosy pink, unusually double and full-centered flowers, blooming with the Late Branching Asters. One of the most popular varieties for cut-flowers. Pkt. 10 cts., ¼oz. 50 cts., oz. $1.75.

2444 **Peerless White.** New. A pure white companion to Peerless Pink. Pkt. 10 cts., ¼oz. 60 cts., oz. $2.00

2445 **Ball's White.** Branching habit; medium early. Pkt. 35 cts., ¼oz. $1.00.

2447 **Pink Enchantress.** A fine midseason Aster for cutting; flowers clear, soft pink, very double, on long stems. Pkt. 10 cts., ¼oz. 60 cts., oz. $2.00.

2449 **New Fancy Yellow.** Best yellow that has yet been grown; fairly large and fully double. Pkt. 25 cts., ¼oz. 75 cts.

2451 **Sensation.** Intense red, almost pure scarlet, the brightest color found in Asters. The flowers are borne upright on stiff stems, 12 inches long. Late midseason. Pkt. 10 cts., ¼oz. 70 cts.

HARDY ASTERS, or MICHAELMAS DAISIES HP

Growing 3 to 5 feet tall, covered in late summer with single flowers. White, Lavender, Violet and Intermediate shades.

2465 **Finest Mixed.** Pkt. 15 cts., ⅛oz. 45 cts.

2481 **BALLOON VINE** (*Cardiospermum*). **HHA.** A rapid-growing climber. White flowers, succeeded by balloon-like seed vessels. Climbs 10 to 15 feet within six weeks. Pkt. 10 cts., oz. 25 cts.

Balsam (LADY'S SLIPPER) HHA

This fine old-fashioned garden annual produces masses of beautiful flowers with almost no care or attention. Sow the seed any time after the first of May and thin the plants out to stand a foot apart. Transplanting makes the plants more bushy and the flowers more double. 1½ to 2 feet high.

IMPROVED CAMELLIA-FLOWERED. The finest type of Balsam. Very large, extra-double, camellia-like flowers in many colors and shining green foliage. The plants are large, compact and vigorous. Splendid bedders.

2486 **Pure White**
2489 **Salmon-Pink**
2490 **Scarlet, White-spotted**
2491 **Scarlet**
2492 **Crimson**
2496 **Purple**

Each, pkt. 10 cts., ¼oz. 35 cts., oz. $1.20

2499 **Many Colors Mixed.** Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

Bellis perennis (ENGLISH DAISY) HP

Does well in almost any soil, preferring a partially shaded position. Flowers from early spring until early fall and may then be divided and held in frames for following season's planting. Height 5 to 6 inches.

2535 **Giant Longfellow.** The rose-colored flowers are large and double. Pkt. 10 cts., ⅛oz. 65 cts.

2537 **Giant Snowball.** Large, double, white. Pkt. 10 cts., ⅛oz. 65 cts.

Monstrosa Varieties. Very double and borne on long and rigid stems.

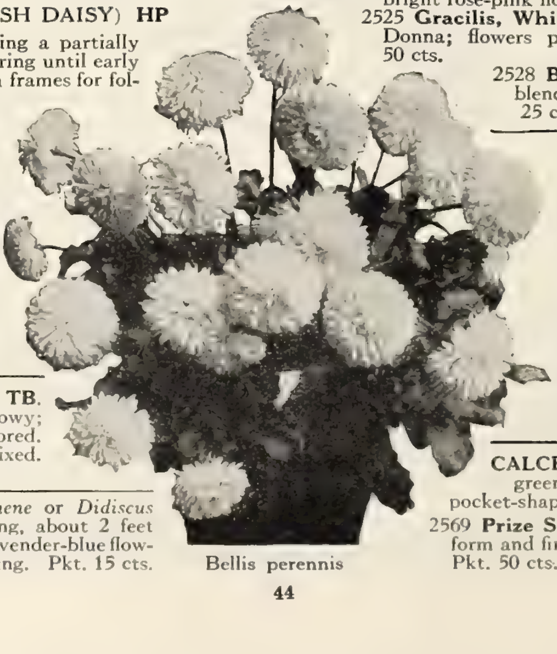
2540 **Pink** 2542 **White** 2544 **Mixed**

Each, pkt. 25 cts., ⅛oz. $1.00

2546 **Etna.** Deep red; large and double, with quilled petals. Pkt. 30c.

2507 **BETA** (Ornamental-leaved Beet). **TB.** For edging and borders. Very showy; midribs and leaf-stalks intensely colored. Golden, crimson and rose shades mixed. Pkt. 10 cts., oz. 25 cts.

2549 **BLUE LACE FLOWER** (*Tracbvmene* or *Didiscus cærulea*). **HHA.** Erect and branching, about 2 feet high, with spreading heads of dainty lavender-blue flowers on long stems. Splendid for cutting. Pkt. 15 cts.



Bellis perennis

A Garden of Asters

Begonia TP

The Begonias are ever popular and not at all difficult to grow, although the seed is fine and must be carefully handled. The Semperflorens and Erfordia varieties are excellent for bedding and make nice pot-plants for decorative purposes. The Gracilis varieties bloom later but make particularly fine pot-plants on account of their bushy growth.

2511 **Erfordia.** Handsome dark foliage and rosy carmine flowers. 1 foot high. Pkt. 35 cts.

2512 **Erfordia grandiflora superba.** Compact plants densely covered with delicate pink flowers. Glossy green foliage. Pkt. 35 cts.

2515 **Semperflorens, Salmon Queen.** A most attractive new variety with large, salmon-colored blossoms and dark foliage. Pkt. 35 cts.

2517 **Semperflorens, Vernon.** A grand old favorite, often grown as a Christmas-flowering pot-plant and fine for bedding. Branching habit; dark green foliage, shaded bronzy red; carmine-scarlet flowers. Pkt. 15 cts.

2518 **Semperflorens, Dwarf Vernon.** Forms small, round, compact plants which are literally covered with brilliant red flowers; foliage deep, brownish red. Pkt. 30 cts.

2521 **Gracilis luminosa.** Fiery, dark scarlet flowers; satiny brown foliage; fine for winter flowering. Pkt. 35 cts.

2523 **Gracilis, Prima Donna.** Large, handsome plants covered with bright rose-pink flowers; shining green foliage. Pkt. 50 cts.

2525 **Gracilis, White Pearl.** A fine companion to Prima Donna; flowers pure snowy white; free-blooming. Pkt. 50 cts.

2528 **Beckert's Superb Mixture.** A special blend of all colors in bedding Begonias. Pkt. 25 cts.

BRACHYCOME iberidifolia (Swan River Daisy). **HHA.** One of the daintiest and most charming little flowers imaginable; easy to grow in any soil. The flowers are borne on graceful stems well above the delicate, finely laciniated foliage. Ideal for low beds and borders. 8 to 10 inches.

2551 **Blue**
2552 **Rose**
2553 **White**
2554 **Mixed Colors**

Each, pkt. 10 cts., ¼oz. 35 cts.

2559 **Browallia elata, Mixed.** Blue or white flowers during the summer and autumn months; grows freely in any rich soil. Pkt. 10 cts., ¼oz. 40 cts.

CALCEOLARIA (Slipperwort). **TP.** Gorgeous greenhouse plants bearing hundreds of pocket-shaped, brilliantly colored flowers.

2569 **Prize Strain.** Exceedingly rich colors, perfect form and fine substance. The finest strain produced. Pkt. 50 cts.

Calendula (POT MARIGOLD) HA

Very showy and thrifty plants, particularly adapted for dry and poor soils, although they thrive in any sunny location, flowering continuously from late summer until cut down by frost. Lemon Queen and Orange King are used extensively for growing under glass. 1 to 1½ feet.

2576 **Lemon Queen.** Of brightest sulphur-yellow. One of the most double and always very showy. Forcing strain. Pkt. 10 cts., oz. 40 cts., ¼lb. $1.25.

2578 **Meteor.** Double; creamy yellow, striped with orange. Pkt. 10 cts., oz. 25 cts.

2579 **Nankeen.** Double; very distinct; cream, flushed apricot. Pkt. 10 cts., oz. 35 cts.

2580 **Orange King. Special Forcing Strain.** Fine for cutting; bearing wonderful double flowers of the deepest orange-red. Pkt. 15 cts., ¼oz. 50 cts., oz. $1.65.

2581 **Prince of Orange.** Large, double, yellow flowers, attractively striped with orange-brown, with dark centers. Pkt. 10 cts., oz. 25 cts.

2583 **Trianon** (The Royal Marigold). Lemon-yellow, striped orange, with dark eye. Pkt. 10 cts., oz. 25 cts.

2585 **Double Mixed.** All colors. Pkt. 10 cts., oz. 20 cts.

2574 **New Forcing Calendula, Ball's Orange.** This special forcing strain of orange Calendula was bred by one of the country's foremost cut-flower growers. Large, extra-double flowers; bright orange. Originator's seed. Pkt. 50 cts., ¼oz. $2, oz. $6.

Calendula, Orange King

Campanula (BELLFLOWER)

A family containing many beautiful border plants and several varieties suitable for pot-plants; mainly hardy biennials and perennials which thrive best in light, moderately rich soils, bearing a profusion of dainty, bell-shaped flowers.

MEDIUM (Canterbury Bells). **HB.** Large, bell-shaped flowers in many shades. Elegant border or pot-plants. A small proportion of the seedlings will always vary from color. 2 to 2½ feet.

2611 **Single Blue** 2614 **Single Rose** 2615 **Single White**
2616 **Single Striped** 2617 **Single Mixed**
Each, pkt. 10 cts., ¼oz. 35 cts.

2619 **Double Mixed.** Produces a goodly percentage of true double-flowering plants. Pkt. 10 cts., ¼oz. 45 cts.

CALYCANTHEMA (Cup-and-Saucer). **HB.** Delightful in form and colors, and elegant subjects for the garden or for pot-culture. 2 to 2½ feet.

2621 **Blue** 2624 **Rose** 2625 **White** 2626 **Striped** 2627 **Mixed**
Each, pkt. 10 cts., ⅛oz. 60 cts.

CARPATICA (Harebell). **HB.** Graceful plants with many delicate little cup-shaped flowers. Attractive and lasting; suitable for borders.

2631 **Blue** 2633 **White** 2634 **Mixed**
Each, pkt. 10 cts., ⅛oz. 40 cts.

PERSICIFOLIA (Peach Bells). **HP.** Large, cup-shaped flowers; long, slender leaves. 2 feet. Elegant for pot-plants as well as borders. Giant-flowering strains.

2638 **Single Giant Blue** 2639 **Single Giant White**
Each, pkt. 20 cts., ⅛oz. $1.25

PYRAMIDALIS (Chimney Bellflower). **HP.** Stately plants, 4 to 5 feet high, with large, tubular flowers; fine for borders or as large pot-plants.

2647 **Blue and White Mixed.** Pkt. 10 cts., ¼oz. 45 cts.

Calliopsis (BRIGHT EYES) HA

Very attractive, free-flowering plants of the easiest culture, thriving in any ordinary soil and blooming all summer long. The showy flowers are carried on long stems and are fine for cutting. The dwarf varieties make good pot-plants.

2591 **Dwarf Crimson King.** Grows 8 inches high; covered with dark, glowing crimson flowers. Pkt. 10 cts., ¼oz. 30 cts.

2593 **Dwarf Tiger Star.** Reddish brown striped with bright yellow. Pkt. 10 cts., ¼oz. 30 cts.

2595 **Drummondii** (Golden Wave). **Bright yellow flowers with brown eyes.** 2 feet tall. Pkt. 10 cts., ¼oz. 20 cts.

2599 **New Hybrids, Mixed.** A beautiful strain; tall-growing and free-blooming; flowers bright yellow, old-gold, blood-red and brown, many spotted and striped. Pkt. 10 cts., ¼oz. 30 cts.

Candytuft (IBERIS) HA

Valuable for masses and edging, and for cutting; free-flowering.

2664 **Giant Hyacinth-flowered,** or **Empress.** Very fine, large heads of pure white flowers. 1 foot. Pkt. 10 cts., oz. 75 cts.

2666 **Little Prince.** Dwarf and compact, covered with extra-large trusses of pure white. Splendid for edging. Pkt. 10 cts., oz. 65 cts.

2668 **Dwarf Hybrids.** Large spikes, valuable for cutting or borders; carmine, flesh, lilac, and purple mixed. Pkt. 10 cts., oz. 65 cts.

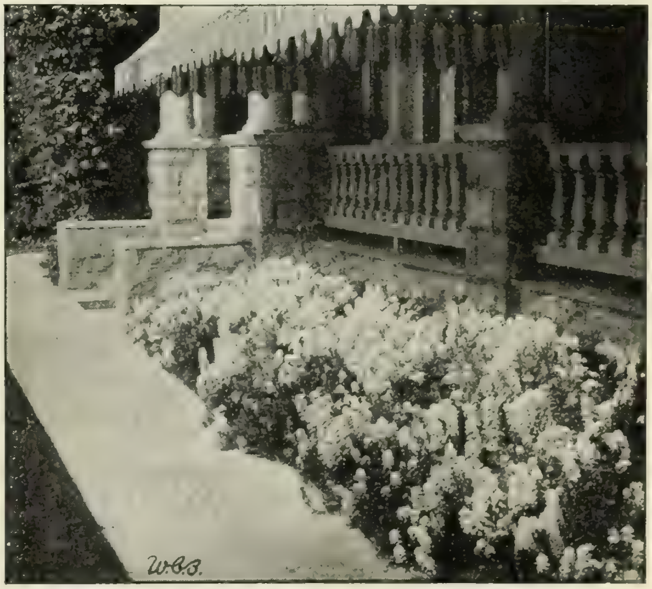
2672 **Rose-Cardinal.** Flesh-pink. Pkt. 10 cts., oz. 50 cts.

2670 **Creamy White** 2674 **Crimson**
2673 **Carmine** 2675 **Lavender**
Each, pkt. 10 cts., oz. 40 cts.

2677 **Mixed.** All colors. 10 inches. Pkt. 10 cts., oz. 30 cts.

2679 **GIBRALTARICA HYBRIDS. HP.** A compact form with purple and white flowers. 1 foot. Pkt. 15 cts., ¼oz. 50 cts.

2681 **SEMPERVIRENS. HP.** Evergreen, glossy foliage; flowers white. Fine for rock-gardens. 6 inches. Pkt. 15 cts., ¼oz. 75 cts.



A border of Empress Candytuft

2659 **CANARY CREEPER** (*Tropæolum canariense*). **HHA.** An elegant vine for vase or trellis. Daintily fringed, bright yellow flowers; deeply divided, light green foliage. 10 to 15 feet. Pkt. 10 cts., oz. 40 cts.

CANNA (Indian Shot). **HHP.** For heavy flower and foliage effects. The seeds should be soaked in warm water before sowing.

2685 **Large-flowering Mixed.** Saved from best varieties. 3 to 4 feet. Pkt. 10 cts., oz. 35 cts.

Named varieties of Cannas do not come true from seed. For Canna Roots, see page 66.

2697 **CARDINAL CLIMBER** (*Ipomœa Quamoclit hybrida*). **HHA.** A brilliant and beautiful climber, growing rapidly and attaining a height of 30 feet. Foliage fern-like; flowers cardinal-red, 1½ inches across, borne in clusters and produced in great profusion from midsummer until frost. The seed should be started indoors, but may be sown in the open in late May. Soaking the seed or notching the seed-coat will hasten germination. Pkt. 15 cts., ⅛oz. 50 cts.

Carnation (DIANTHUS CARYOPHYLLUS) HP

These may nearly all be flowered the first season by sowing early. Seedlings possess great vigor and, as a rule, produce more flowers than plants from cuttings.

2704 **Giant Marguerite,** or **Malmaison.** Early-flowering; seed sown in February will flower in June. Fine for cut-flowers. Splendid mixture from largest flowers. Pkt. 10 cts., ¼oz. 50 cts.

Marguerite, Half Dwarf. Valuable cut-flower varieties; sweet-scented and bloom from July to frost from February-sown seed. Flowers large. 1 foot.

2706 **White**
2709 **Scarlet**
2711 **Crimson**
2717 **Mixed**

Each, pkt. 10 cts., ¼oz. 50 cts.

2719 **Chabaud's Everblooming.** Bears a high percentage of double flowers of the largest size, blooming five to six months after sowing. Pkt. 25 cts.

2721 **Grenadin,** or **Hardy Border Carnations.** A fine strain of double Carnations for outdoor culture, flowering the second season. Bright colors. Pkt. 15 cts., ⅛oz. 40 cts.

Magnificent Celosia

Crimson Woolflower

Celosia TA

PLUMED TYPE. Of pyramidal growth with superb, pointed plumes, making grand pot-plants and gorgeous beds, blooming from July to September. Prefers a fairly rich soil.

Thompson's Magnificent. Improved varieties; splendid colors; 2 feet.

2737 **Golden Yellow**
2738 **Orange-Red**
2739 **Scarlet**
2740 **Crimson**
2742 **Magnificent Mixed**

Each, pkt. 10 cts., ⅛oz. 35 cts.

2745 **Pride of Castle Gould.** Compact, pyramidal plants with immense flower-heads shaped like ostrich plumes, in many brilliant colors. Pkt. 25 cts.

CHINESE WOOLFLOWER. The finest of the Celosias for bedding and also splendid for cutting. Each plant produces many enormous, ball-shaped flower-heads. 2 feet tall.

2730 **Yellow**
2731 **Crimson**
2732 **Scarlet**
2733 **Pink**

Each, pkt., 15 cts., ⅛oz. 50 cts.

COCKSCOMB (*Celosia cristata*). Distinct and handsome; makes fine decorative plants and unique beds. The comb-like heads grow to a large size. Sow the seed indoors in March or outside in May.

2727 **Empress.** Enormous, crimson heads; dark foliage; 10 inches. Pkt. 15 cts., ⅛oz. 65 cts.

2729 **Dwarf Mixed.** Plants average 8 inches high; combs in shades of red and yellow. Pkt. 10 cts., ⅛oz. 40 cts.

Centaureas

(THE CORNFLOWER FAMILY)

CYANUS (Cornflower, Bachelor's Button, or Bluebottle). **HA.** Easy to grow; free-blooming.

2757 **Single Blue.** The original Cornflower; deep blue. 2½ feet. Pkt. 10 cts., oz. 50 cts.

2760 **Double Blue.** 2761 **Double Pink.** 2762 **Double White.** Fine for cut-flowers. Each, pkt. 10 cts., oz. 75 cts.

2763 **Double Mixed.** A fine assortment of colors, ranging from white to rose and from light to dark blue. About 60 per cent come double. Pkt. 10 cts., oz. 60 cts.

AMERICANA. HA. A giant variety, growing 4 and 5 feet high, with immense flowers.

2752 **Deep Lavender** and 2753 **White.** Each, pkt. 10 cts., ¼oz. 50 cts.

2780 **CANDIDISSIMA. HHP.** Grown for its handsome, silvery foliage; used for bedding, edging, baskets, etc. 9 inches. Pkt. 15 cts., ⅛oz. 50 cts.

2782 **GYMNOCARPA. HHP.** Silver foliage; a popular bedding variety. Pkt. 10 cts., ¼oz. 35 cts.

2784 **MONTANA** (Perennial Cornflower). **HP.** Large, showy, deep blue flowers. Pkt. 10 cts.

CENTAUREA IMPERIALIS (Giant Sweet Sultan) HA

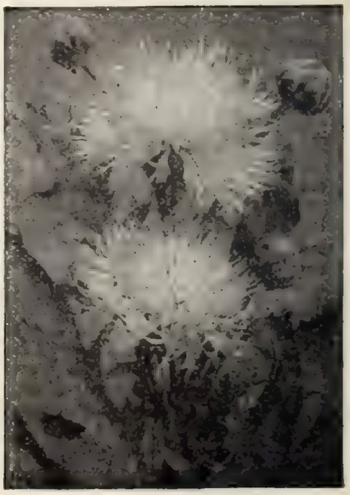
Beautiful large flowers. Vigorous growers. 3 to 3½ feet tall.

2765 **White**
2767 **Lilac**
2768 **Deep Lavender**
2769 **Purple**
2771 **Rose**
2772 **Rose and White**
2773 **Amaranth-Red**

Each, pkt. 10 cts., ¼oz. 30 cts., oz. $1.00

2774 **Mixed.** All colors. Pkt. 10 cts., ¼oz. 25 cts., oz. 85 cts.

2776 **Suaveolens** (Yellow Sweet Sultan). Honey scented. Pkt. 10 cts., ¼oz. 40 cts., oz. $1.25.



Centaurea imperialis

Annual Chrysanthemums HA

Known as Painted Daisies and Summer Marguerites. Very showy; useful as pot-plants as well as for cutting and bedding; bloom in late summer. They require plenty of room but little care.

2795 **Coronarium, Double Mixed.** Full-centered, with many petals. Shades of cream and lemon-yellow.........................oz. 40 cts...Pkt. $0 10
2797 **Inodorum, Snowball** (Bridal Robe). Dwarf; very double, pure white flowers, 1½ inches in diameter; fine foliage. Elegant pot-plants and nice for beds. 1½ feet tall....⅛oz. 40 cts... 15

CARINATUM VARIETIES. The showiest of the annual Chrysanthemums. 2 to 3 feet high.
2803 **Eclipse.** Golden yellow with a scarlet ring.............................. 10
2805 **Northern Star.** White with purple center.............................. 10
2808 **Single Mixed.** Many bright colors.............................oz. 25 cts... 10
2809 **Double Mixed.** Very showy.............................oz. 75 cts... 10

SEGETUM VARIETIES. Mostly shades of yellow; sometimes forced for winter bloom; 1½ feet high.
2811 **Eastern Star.** Primrose-yellow with brown disc.............................. 10
2812 **Evening Star.** Rich golden yellow.............................. 10
2814 **Morning Star.** Canary-yellow with deeper center.............................. 10

Perennial Chrysanthemums

2819 **Frutescens grandiflora** (Marguerite, or Paris Daisy). **GP.** White or lemon-yellow with yellow eye. May be had in bloom the year around but is especially grown for winter flowers. 3 feet. Pkt. 10 cts., ¼oz. 30 cts.

2821 **Japonicum. HHP.** Fine, double flowers of the Japanese type. Easily grown from seed and, if sown early, they will bloom the first season. Pkt. 35 cts.

SHASTA DAISY (*Chrysanthemum maximum*). **HP.** Most famous Burbank's floral novelty.
2825 **Alaska.** Extra-large, pure white flowers; fine for the borders and for cutting. 2½ feet. Pkt. 25 cts., ⅛oz., 45 cts.

Cineraria TP

Very distinct and ornamental house plants, bearing magnificent heads of velvety flowers, in white, all shades of blue from very pale to dark blue, pink, carmine, and crimson, with many bicolors.

2830 **Hybrida grandiflora.** A prize strain; large-flowering and unsurpassed for richness of color. 1½ feet tall. Pkt. 50 cts.

2832 **Hybrida grandiflora, Semi-Dwarf.** Plants about 1 foot tall; compact in growth and bearing large, superbly colored flowers in profusion. Pkt. 50 cts.

2834 **Hybrida grandiflora, Matador.** A marvelous, new French variety, bearing large, bright scarlet flowers. Pkt. 50 cts.

2837 **Hybrida stellata** (Star Cineraria). Star-shaped flowers with narrow petals, in many pleasing colors. Highly decorative. 1½ feet high. Pkt. 50 cts.

2839 **CINERARIA maritima, Diamond. HP.** Grown for its highly ornamental, silvery white foliage. For both pots and bedding. 1 foot. Pkt. 10 cts., ¼oz. 25 cts.

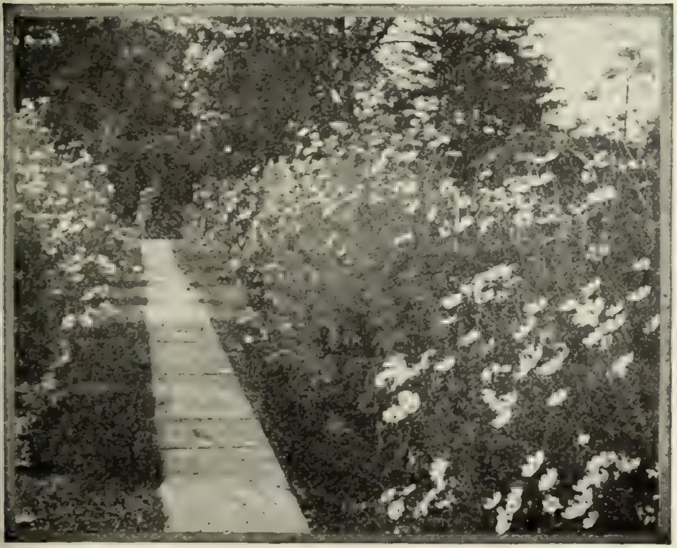
2855 **CLEOME** (Giant Spider Plant). **HA.** Spikes of rose-pink flowers which, on account of their long, wiry stamens, bear a strange resemblance to spiders. A vigorous grower and bloomer, excellent for tall borders. 3 to 4 feet. Pkt. 10 cts., ¼oz. 25 cts.

Annual Chrysanthemums

CLARKIA. HA. A showy and easily grown annual, nice for bedding, cutting and pots. An improved strain with large, double flowers. 1½ feet.
2844 **White Prince.** Pure-white.
2845 **Apple Blossom.**
2846 **Salmon Queen.** Salmon-pink.
2848 **Scarlet Queen.** Orange-scarlet.
2849 **Brilliant.** Crimson.
2850 **Purple Prince.**
2851 **Finest Mixed.**
Each, pkt. 10 cts., ¼oz. 30 cts., oz. $1.00

Cosmos HHA

One of our most popular annuals for tall borders and for cutting, blooming in late summer and fall. Of tall and upright growth with finely cut foliage and graceful, long-stemmed, showy flowers that last well in water. For early flowers the seed should be sown in boxes in March or April, or planted in the open ground as soon as all danger from frost is past. Pinch back plants when they are once well established, as this makes them more sturdy and compact and encourages them to bloom earlier and more freely.



A border of Cosmos in August

THE NEW EARLY DOUBLE-CRESTED. This fine, new type makes particularly effective flowers for cutting. About 75 per cent of the seedlings will bear large, beautifully formed flowers with full-double centers and an outer row or crest of guard petals. Blooms from early August until frost. 5 feet tall.
2907 **White**
2908 **Pink**
2909 **Crimson**
2910 **Mixed**
Seed scarce. In sealed packets only, 20 cts. each

MAMMOTH EARLY-FLOWERING. An extra-select strain, combining extreme earliness with great vigor and unusual size of flowers. Commences to bloom in July and continues until cut down by frost. The flowers often measure 4 inches across. 5 feet
2893 **White**
2894 **Pink**
2895 **Crimson**
2896 **Mixed**
Each, pkt. 10 cts., ¼oz. 25 cts., oz. 60 cts.

GIANT LATE, or LADY LENOX. Blooms in September and produces the largest flowers of all, with wide, overlapping petals and long stems. 6 to 7 feet.
2901 **Lady Lenox White**
2902 **Lady Lenox Pink**
2903 **Giant Crimson**
2905 **Giant Mixed**
Each, pkt. 10 cts., ¼oz. 20 cts., oz. 50 cts.

2915 **KLONDYKE.** A distinct form, growing about 4 feet high and bearing a profusion of orange-yellow flowers 2 to 3 inches in diameter. Should be started early indoors. Usually grown as a pot-plant. Pkt. 15 cts., ¼oz. 70 cts., oz. $2.45.

Cyclamen TP

A favorite pot-plant for winter and spring flowering, blooming in eight to ten months from sowing. The seed is fine and must be carefully handled, but few plants will so well repay a little extra care. Our strains come from famous European Cyclamen breeders and are the finest in existence.

Giant English Exhibition Varieties

2921 **White with Red Eye.** Very large and fine.
2923 **Rose.** Clear, deep rose-pink, distinct.
2925 **Mauve.** Delicate mauve with carmine eye.
2936 **Phœnix.** Cherry-red; very fine.
2940 **Princess May.** Enormous; rose with purple base.
2946 **Salmon King.** Beautiful, clear salmon-pink.
2952 **Vulcan.** The deepest red Cyclamen; blood-red.
2954 **White Swan.** Pure white; of the largest size.

Each, pkt. (25 seeds) 75 cts., 50 seeds $1.35, 100 seeds $2.50

2930 **Cherry Ripe.** Almost a pure scarlet; the brightest red.
2932 **Eileen Low.** A lovely shade of Rose Du Barri pink.
2934 **Mrs. Buckston.** Bright salmon-cerise; beautifully frilled.
2938 **Pink Pearl.** The most free-flowering of all, with lovely pale salmon flowers and prettily tessellated foliage.
2944 **St. George.** The "Silver-leaved Cyclamen." Pale salmon-pink flowers and beautifully marbled foliage.
2948 **Sunset.** Bright orange-salmon; very distinct.
2950 **Victoria.** Glorious red flowers of largest size; strong stems.

Each, pkt. $1.00, 50 seeds $1.85, 100 seeds $3.50

2956 **Giant Superb Mixed.** 25 seeds 60 cts., 50 seeds $1.10, 100 seeds $2.00.

Choice Free-flowering German Strains

2960 **Christmas Red.** Glowing deep red.
2961 **Rose of Zehlendorf.** Bright salmon.
2962 **Pearl of Zehlendorf.** Rich salmon.
2963 **Rose of Marienthal.** Rose-pink with carmine eye.
2964 **Glowing Dark Red.**
2965 **Glowing Red, with salmon hue.**
2966 **White, with red eye.**

Each, pkt. (25 seeds) 85 cts., 50 seeds $1.60, 100 seeds $3.00

2859 **COBÆA scandens** (Cathedral Bells). **TP.** A popular, very rapid-growing climber with large, bell-shaped blue flowers. The seed should be started indoors, or planted outside about May 15. Generally treated as an annual as it blooms early the first season. Sometimes grown under glass. Pkt. 10 cts., ¼oz. 25 cts.

2868 **COLEUS, Prize Mixed. TP.** Splendid bedding plants, grown for their beautifully colored foliage. Easily grown from seed which, however, should be started in considerable heat. Saved from collections of the newest and choicest varieties. Pkt. 25 cts.

2878 **COREOPSIS lanceolata grandiflora** (Perennial Calliopsis). **HP.** Bright golden yellow flowers, 3 inches in diameter, borne on strong stems, from early summer until fall. One of the brightest and most valuable of the perennial flowers for cutting and borders. 1½ feet. Pkt. 10 cts., ¼oz. 25 cts.

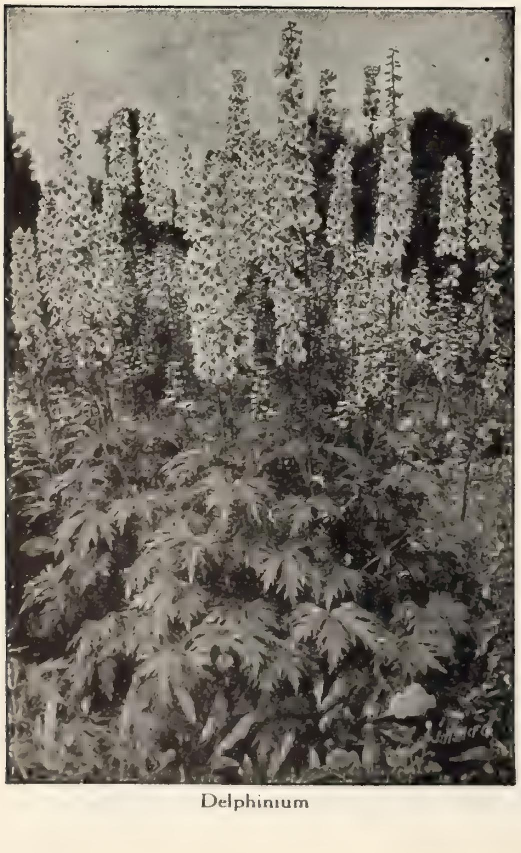
For annual Coreopsis, see Calliopsis on page 44

Coreopsis lanceolata grandiflora

2883 **CORN, Rainbow. HA.** Broad leaves, striped with crimson, yellow, white, rose, and bronze. Interesting and decorative. 5 feet. Pkt. 10 cts., oz. 25 cts.

CYPRESS VINE (*Ipomœa Quamoclit*). **HHA.** Very popular small vines, fine for trellises. The seed should not be sown until all danger from frost is past.

2965 **Fern-leaved, Mixed.** Delicate foliage and masses of little, star-shaped, scarlet and white flowers. Pkt. 10 cts., ¼oz. 25 cts.


Delphinium

Dahlias HHP

Easily grown from seed and bloom the first year if planted early. Dahlias come fairly true to type of flower but not to color from seed and most new varieties are obtained from planting seed. For Dahlia roots, see pages 67 to 69.

2973 **Double Large-flowering Show Varieties.** Saved from the most double flowers. Pkt. 15 cts., ⅛oz. 45 cts.
2975 **Double Cactus Varieties.** Saved from the finest new sorts; large and showy. Pkt. 20 cts., ⅛oz. 90 cts.
2979 **Twentieth Century,** or **Giant Single.** Huge, single flowers on very tall plants; free-blooming and showy. Pkt. 15 cts., ⅛oz. 45 cts.

2983 **DATURA cornucopia** (Angel's Trumpet). **HA.** Strong, bushy plants with coarse foliage and large, very sweet-scented flowers with two trumpets, one within the other; interior white, exterior violet-purple. 1½ feet. Pkt. 10 cts., ¼oz. 25 cts.

Delphinium HP

These are the hardy Larkspurs of the old-fashioned garden, much improved by the addition of many new colors and forms. Magnificent blues predominate although other attractive shades are not wanting. The plants are tall and stately, blooming from late June until October. July and August are good months for outdoor sowing, although many varieties will bloom the first season from seed sown in early spring. A fairly rich soil and sunny situations suit them best.

2986 **Belladonna.** Clear turquoise-blue flowers. 4 feet. Pkt. 25 cts., ⅛oz. $1.00.
2987 **Bellamosa.** A splendid companion to the old favorite Belladonna. Dark blue; free-blooming and hardy. 4 feet. Pkt. 25 cts., ⅛oz. $1.00.
2988 **Cardinale.** The elegant scarlet flowers have yellow centers. 3 feet. Pkt. 25 cts., ⅛oz. $1.00.
2991 **Chinense, Blue.** Tall, slender plants with long spikes thickly set with bright blue flowers. 3 feet. Pkt. 10 cts., ¼oz. 35 cts.
2992 **Chinense, White.** Flowers pure white. Pkt. 10 cts., ¼oz. 35 cts.
2994 **Formosum.** Deep blue with white eye. 3 feet. Pkt. 15 cts., ⅛oz. 60 cts.
2995 **Formosum cœlestinum.** Clear azure-blue. Pkt. 15 cts., ⅛oz. 60 cts.
2998 **Giant Exhibition Hybrids.** Large flower-spikes, varying in color from pearly white to deepest indigo with many intermediate shades of blue and lavender. A splendid strain. 4 feet. Pkt. 25 cts., ⅛oz. $1.00.
2999 **Double-flowering Hybrids.** The best of the double-flowered varieties. 3½ to 4 feet. Pkt. 15 cts., ⅛oz. 50 cts.

Dianthus (GARDEN PINKS)

The Dianthus genus has furnished us with many useful and pretty flowers. Besides the Pinks listed below, there are the many forms of Carnations and the Sweet Williams offered elsewhere in this catalogue. The Garden Pinks are particularly useful for bedding and also suitable for cutting. They come in single and double forms, some with deeply fringed petals, and in many attractive colors and markings.

Japanese Pinks

THE ANNUAL PINKS HA

These are strong, sturdy growers, blooming from early summer until fall. They require a moderate amount of sunshine but are not particular as to soil and will thrive almost anywhere. The seed may be sown in spring or fall, and transplanting, if necessary, should be done while the plants are quite small.

CHINESE PINKS (*Dianthus chinensis*). About 1 foot high, covered with flowers all summer long. Splendid for bedding.

3012 **Double Mixed.** Flowers very double and in a diversity of colors, including white, pink, crimson, lilac, and bicolors. Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

Hardy Garden Pinks

JAPANESE PINKS (*D. Heddewigii*, etc.). Improved varieties derived from the Chinese Pinks. They are free-blooming, although not quite as profuse as the Chinese Pinks, while their flowers are larger and more varied in form and color.

3015 **Purity.** Large, single, snow-white flowers; clove-scented; fine for cutting. Pkt. 10 cts., ¼oz. 40 cts.

3017 **Salmon Queen.** Single flowers deep rosy salmon, very beautifully fringed. Pkt. 10 cts., ¼oz. 40 cts.

3019 **Single Mixed.** Many brilliant colors. Pkt. 5 cts., ¼oz. 20 cts., oz. 60 cts.

3021 **Double Diadem Pinks.** Very large, double and showy; mixed colors. Pkt. 10 cts., ¼oz. 35 cts.

3025 **Mourning Cloak.** Double; laciniated petals; deep, blackish crimson with a narrow silvery margin. Pkt. 10 cts., ¼oz. 45 cts.

3027 **Dwarf Fireball.** Very double, bright red flowers; 8 inches; a splendid bedder. Pkt. 10 cts., ¼oz. 60 cts.

3029 **Dwarf Snowball.** Flowers double, pure white; fringed petals; 8 inches. Pkt. 10c., ¼oz. 60c.

3032 **Royal Pinks** (*D. nobilis*). A very robust strain with large, fragrant, double flowers on long stems; excellent for cutting. In many beautiful colors. 15 inches. Pkt. 10 cts., ¼oz. 25 cts.

3035 **Double Mixed.** All colors and types in Double Japanese Pinks. Pkt. 10 cts., ¼oz. 25 cts.

THE HARDY GARDEN PINKS HP

Perfectly hardy and very desirable for perennial beds, borders, cemetery plantings, etc. The flowers are dainty and highly prized for their spicy, refreshing fragrance.

3040 **Single Early Grass Pinks** (*D. plumarius*). Also called Pheasant Eye and Clove Pinks. Many-colored, with fringed petals. Pkt. 10 cts., ¼oz. 35 cts.

3041 **Everblooming Grass Pinks** (*D. plumarius semperflorens*). Simple and semi-double; blooming constantly all summer long. Pkt. 15 cts., ¼oz. 85 cts.

3043 **Double Grass Pinks** (*D. plumarius fl.-pl.*). Also known as Scotch Florist's Pinks. Double flowers; early blooming. Pkt. 15 cts., ¼oz. $1.00.

Dimorphotheca (AFRICAN ORANGE DAISY) HA

The serious handicap of an awkward name has not prevented the Dimorphothecas from rising rapidly in the favor of flower-lovers. They grow rapidly and luxuriantly in any sunny spot, commence to bloom in six to eight weeks after sowing, and are one continuous sheet of bloom from then on until fall. For best effect, they should be planted in masses, but they are also suitable for borders and pot-plants, and make very nice cut-flowers. 8 inches.

3078 **Aurantiaca.** Fine, large, many-petaled flowers, deep ochre or orange-yellow with a black zone at the base and small brown disk. Pkt. 10 cts., ¼oz. 40 cts.

3079 **New Hybrids.** Single and semi-double flowers varying in color from creamy white to deepest yellow, salmon-rose and orange. Pkt. 10 cts., ¼oz. 45 cts.

Dimorphotheca aurantiaca

Digitalis (THIMBLE FLOWER, or FOXGLOVE) HB

Beautiful hardy flowers for the tall border, with towering spikes of bell-shaped blossoms and strong, clean foliage at the base. Although they sometimes persist for several years, they are best treated as biennials, blooming the second season from seed sown during spring or summer. They may also be flowered in pots in a cool greenhouse from August-sown seed.

Purpurea gloxiniæflora. Large flowers of velvety texture, with gloxinia-like spots, on long, well-filled spikes. 3½ to 5 feet.

3065 **Pink.** 3066 **Purple.** 3067 **White.** 3069 **Mixed.**

Each, pkt. 10 cts., ¼oz. 30 cts.

3071 **Purpurea maculata superba.** A much-improved strain of large-flowering, heavily spotted varieties. Pkt. 10 cts., ¼oz. 35 cts.

3073 **Purpurea monstrosa.** A very unusual and showy form in which the upper flowers are united into one very large, cup-shaped blossom. Various colors. Pkt. 15 cts., ¼oz. 60 cts.

3061 **Ambigua (grandiflora).** A beautiful, half-dwarf variety with many spikes of small chrome-yellow flowers, marked with brown. Pkt. 10 cts., ¼oz. 30 cts.

Eschscholtzia (CALIFORNIA POPPY) HA

Bushy plants, growing about 1 foot high, with fine, bluish foliage and many bright flowers. The seed is usually sown in the spring although fall sowing gives excellent results. The California Poppies make bright beds and attractive borders. They thrive best in a sunny spot, commencing to bloom early and, if kept well cultivated and watered, continue in flower until frost.

3151 **Pure White.** Large flowers; sage-green foliage. Pkt. 10 cts., oz. 35 cts.
3153 **Golden West.** Fine, large, golden yellow flowers, blotched with orange at the base of the petals. Pkt. 10 cts., oz. 30 cts.
3155 **The Geisha.** Beautifully fluted flowers; inside yellow, outside orange-red. Pkt. 10 cts., ¼oz. 40 cts.
3156 **Mikado.** Bright orange-crimson flowers. Pkt. 10 cts., ¼oz. 25 cts.
3157 **Vesuvius.** Brilliant wallflower-red. Pkt. 10 cts., ¼oz. 30 cts.
3159 **Rose-Cardinal.** Inside cream-pink; outside deep rose. Pkt. 10 cts., ¼oz. 25 cts.
3165 **Rose-Crimson.** Soft rosy crimson flowers. Pkt. 10 cts., ¼oz. 25 cts.
3170 **Fine Mixed.** A splendid mixture, containing a wide range of colors. Pkt. 10 cts., oz. 25 cts.
3172 **Double Mixed.** Very good, semi-double flowers; yellow and white. Pkt. 10 cts., ¼oz. 30 cts.

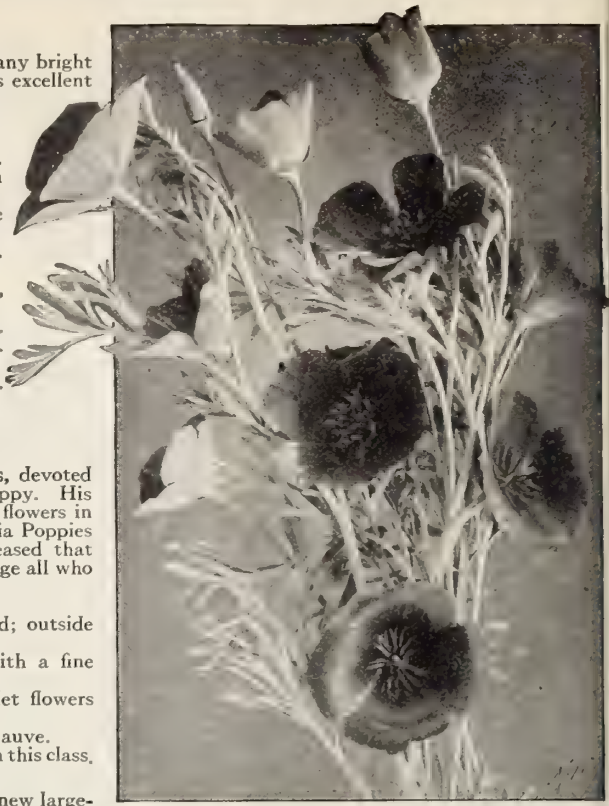
NEW HYBRID ESCHSCHOLTZIAS

One of California's foremost specialists in flowers has, for several years, devoted a great deal of time and effort to the improvement of the California Poppy. His new hybrid strain is notable for its erect, bushy plants and profusion of flowers in colors not previously found in Eschscholtzias. Realizing that the California Poppies are not known and appreciated as they should be, we are very much pleased that we are able to offer a selection of these new sorts to our customers, and urge all who want the latest and best in bedding annuals to try them.

3154 **Orange Flame.** Dazzling orange-scarlet; very free-blooming.
3158 **Ballet Girl.** Unique, the petals being beautifully frilled and fluted; outside carmine scarlet, inside creamy white.
3161 **Lovely.** Bright rose-pink suffused with salmon inside and out, with a fine satiny finish.
3163 **Scarlet Beauty.** The brightest red in Eschscholtzias. Vivid scarlet flowers and bluish foliage; very effective.
3166 **Mauve Beauty.** An entirely new color. A beautiful shade of pure mauve.
3167 **Purple Glow.** Bright reddish purple. The darkest shade so far obtained in this class.

Each, pkts. only, 20 cts., 3 pkts. for 50 cts.

3169 **New Hybrids Mixed.** A fine blend of the many superb colors in the new large-flowering erect type. Pkt. 10 cts., ¼oz. 30 cts.


Eschscholtzia

Dolichos (HYACINTH BEAN) HHA

Ornamental climbing beans with large, handsome foliage and showy, pea-like flowers in long, erect racemes, followed by curious, flat pods of various colors. The climbing varieties reach a height of 8 to 10 feet and are nice for low trellises; the bush varieties make good border plants.

3090 **Darkness.** Purplish lavender flowers, succeeded by deep maroon-purple pods. Foliage tinged with purple. Pkt. 10 cts., oz. 25 cts.
3091 **Daylight.** White flowers and pods; light green foliage. Free-flowering. 8 to 10 feet. Pkt. 10 cts., oz. 25 cts.
3093 **Lablab, Mixed.** Tall growing with flowers ranging in color from white to purple. Pkt. 10 cts., oz. 20 cts.
3095 **Bush Purple.** Like Darkness but grows only 2½ feet high. Pkt. 10 cts., oz. 50 cts.
3096 **Bush White.** Pkt. 10 cts., oz. 50 cts.
3097 **Bush Mixed.** Pkt. 10 cts., oz. 50 cts.

3105 **DRACÆNA (Cordyline) indivisa. TP.** Graceful foliage plants; fine subjects for vases. Second-year plants may be planted out in the open border in late spring and repotted in the fall. Hulled seed. Pkt. 15 cts.

3120 **EDELWEISS. HP.** An interesting Alpine plant for the rockery, easily grown in any sunny location. Handsome, silvery foliage and star-shaped flowers. 6 to 8 inches. Pkt. 25 cts.

3186 **EUPHORBIA variegata** (Snow-on-the-Mountain). **HA.** Robust grower; foliage margined white. 2 feet. Pkt. 10 cts., ¼oz. 25 cts.

FOUR-O'CLOCKS (Marvel of Peru; Mirabilis). **HA.** Free-blooming from June to September. The flowers open in the afternoon and close the next morning. A very popular flower for beds and borders; always satisfactory no matter how unfavorable the soil or weather may be. Sweet-scented. Very effective beds can be made by planting the separate colors which we have secured from a European specialist this season.

3230 **White**
3231 **Yellow**
3232 **Lilac**
3233 **Rose**
3234 **Crimson**

Each, pkt. 25 cts., 5 pkts. for $1.00.

3235 **Tall Mixed.** Large, bushy plants covered with flowers; many clear and attractive colors. 2 feet. Pkt. 5 cts., oz. 25 cts.

Everlastings

For convenience we have grouped here plants which are grown chiefly for their "everlasting" or "straw" flowers. Some of them are also prized as border plants. The flowers are preserved in their natural colors for winter bouquets by cutting them before they are fully expanded and hanging them, head down, in a dry, shady place until they are thoroughly dry.

3190 **ACROCLINIUM roseum fl.-pl. HA.** Many petaled, double, rose-colored flowers. 1 to 1½ feet. Pkt. 10 cts., ¼oz. 25 cts.

3194 **AMMOBIUM alatum grandiflorum. HA.** Double; pure white. 2 feet. Pkt. 10 cts., ¼oz. 25 cts.

GOMPHRENA. HA. Upright-growing plants with showy foliage and small, brightly colored, globe-shaped flowers.
3204 **Tall Mixed.** White, pink, red, purple, and variegated flowers. 1½ feet. Pkt. 10 cts., oz. 40 cts.
3206 **Dwarf Compact Red.** 1 foot. Pkt. 10 cts.
3207 **Dwarf Compact White.** Pkt. 10 cts.
3208 **Dwarf Compact Mixed.** Pkt. 10 cts., ¼oz. 35 cts.

HELICHRYSUM monstrosum. HA. The best of the Everlastings. Large, very double flowers; fine for cutting.
3210 **Silver Ball.** White.
3211 **Golden Ball.** Yellow.
3212 **Fire Ball.** Crimson-scarlet.
3213 **Salmon Queen.** Salmon.
3214 **Rose Queen.** Bright rose.
3215 **Violet Queen.** Violet.

Each, pkt. 10 cts., ¼oz. 30 cts., oz. $1

3217 **Finest Mixed.** Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.
3220 **RHODANTHE Manglesii. HA.** Neat, slender plants with silvery leaves and dainty pink and white flowers on long, nodding stems. 1½ feet. Pkt. 10 cts., ¼oz. 25 cts.
3222 **XERANTHEMUM annuum. HA.** 2 to 3 feet. Tall semi-double flowers in white, rose, purple and violet. Pkt. 10 cts., ¼oz. 30 cts.

3229 **FEVERFEW, Double. HHP.** A very free-flowering border plant, bearing masses of little, creamy white flowers. 2 to 3 feet. Pkt. 10 cts., ¼oz. 25 cts.

3272 **GERANIUM, Zonale Mixed. HHP.** A superb strain of the largest and finest varieties. Very interesting to grow from seed, which should be started indoors in February or March and transferred to the open in late May. Pkt. 20 cts.

Gaillardia (BLANKET FLOWER)

ANNUAL VARIETIES. The Gaillardias are great favorites for bedding. They are robust growers with large, gorgeously colored flowers that are nice for cutting as well as for garden display. The seed of the annual sorts may be sown in the garden as soon as the ground is fit to work in the spring and the plants thinned out to stand about a foot apart.

3241 **Amblydon.** Large, single, salmon-red flowers with deep crimson centers; very showy and nice for cutting. 2 feet. Pkt. 10 cts., ¼oz. 30 cts.

3245 **Picta, Single Mixed.** Free-blooming showy flowers in many shades of red and yellow. 1 foot. Pkt. 5 cts., ¼oz. 20 cts.

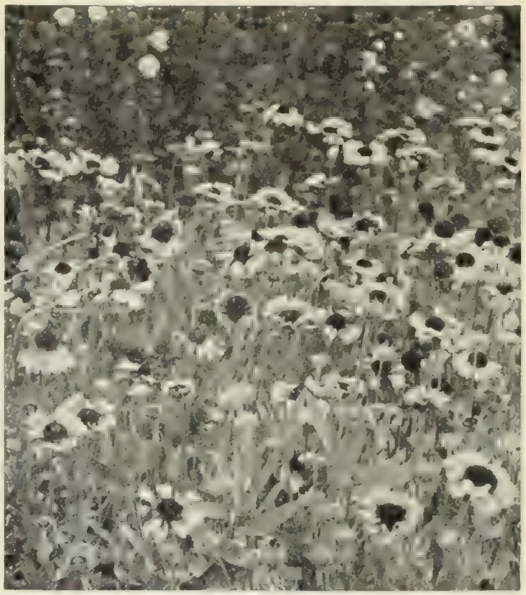
3247 **Picta Lorenziana, Double Mixed.** Very attractive flowers of unusual form, in a great variety of bright colors; blooming from midsummer to frost. Fine for bedding and one of the best for cutting. 1 foot. Pkt. 10 cts., ¼oz. 25 cts.

3249 **Picta, The Bride.** A double, pure white form; long stems; fine for cutting. Pkt. 10 cts., ¼oz. 35 cts.

HARDY PERENNIAL VARIETIES. The hardy Gaillardias are strong and long-lived, increasing in size and producing a greater mass of flowers each succeeding year.

3253 **Aristata (grandiflora) compacta.** Bushy, free-blooming plants with large scarlet flowers, margined yellow. 1 foot. Pkt. 10 cts., ¼oz. 35 cts.

3258 **Aristata, New Hybrids.** A grand new and improved strain, bearing flowers of enormous size on stout stems, in a fine assortment of typical Gaillardia reds and yellows. Pkt. 15 cts., ¼oz. 50 cts.



Perennial Gaillardias

GEUM. HP. Fine plants for the hardy border; easy to grow and thriving on poor soil providing they have plenty of sun.

3291 **Atrosanguineum.** Strong-growing, with large, deep red, semi-double flowers, valuable for cutting. 2 feet. Pkt. 10 cts., ¼oz. 40 cts.

3293 **Mrs. Bradshaw.** Large, double, bright scarlet flowers; blooms profusely all summer. Pkt. 15 cts., ¼oz. 75 cts.

3302 **GLADIOLI, Select Hybrids. HHP.** Seedlings will bloom the first season if started early under glass. These hybrids produce flowers of the largest size in all the colors known in Gladiolus. Pkt. 15 cts., ¼oz. 75 cts.

(Named varieties of Gladioli do not come true from seed. **For** Gladiolus bulbs, see pages 70 and 71.)

3306 **GLOXINIA, Large-flowered Hybrids. TP.** Large, tubular flowers of velvety texture in many brilliant colors; handsome foliage, bronzy green with white veins. Will bloom in six months from sowing. The strain we offer is the finest produced; compact and erect in growth; large-flowering and free-blooming. Pkt. 50 cts.

3282 **GERBERA, Jamesonii Hybrids** (Transvaal Daisy). **HHP.** A very brilliant strain. The flowers come in white and all shades of red and yellow, and are borne on long slender stems well above the foliage. Culture like Geraniums. 2 feet. Pkt. 25 cts.

ORNAMENTAL GOURDS. HHA. Interesting climbers, useful for covering verandas, arbors, etc. They are rapid growers and their fruits are highly ornamental.

3342 **Dipper.**
3343 **Dishrag.**
3346 **Hercules' Club.**
3351 **Nest-Egg.**
3354 **Pipe Calabash.**

Each, pkt. 10 cts., oz. 25 cts.

3359 **Many Varieties, Mixed.** Will give the "kiddies" a big collection of Gourds to play with. Pkt. 10 cts., oz. 20 cts.

Godetia, Rosamond

Godetia HA

Very neat and free-flowering annuals, highly prized for edging and for low beds. They will vie with the nasturtiums in brilliancy of colors and will thrive on comparatively poor soil and in partly shaded locations. The seed may be sown in fall or early spring: it should be scattered thinly and barely covered with fine earth. We offer improved dwarf compact sorts which grow about 10 inches high and should be thinned to stand about 1 foot apart.

3317 **Crimson Glow.** A particularly fine variety; compact and free-blooming. Flowers deep ruby-red. Pkt. 10 cts., ¼oz. 50 cts.

3319 **Duchess of Albany.** Pyramidal clusters of large, satiny white flowers. Pkt. 10 cts., ¼oz. 35 cts.

3320 **Duchess of Fife.** White, blotched crimson. Pkt. 10 cts., ¼oz. 40 cts.

3323 **Gloriosa.** Dark blood-red; compact. Pkt. 10 cts., ¼oz. 35 cts.

3325 **Lady Albemarle.** Bright carmine-crimson. Pkt. 10 cts., ¼oz. 35 cts.

3328 **Rosamond.** Vivid rose-pink, lighter at the margin and in the center of the flower. Pkt. 10 cts., ¼oz. 35 cts.

3332 **Finest Mixed.** Compact-growing, free-flowering varieties. Pkt. 10 cts., ¼oz. 30 cts., oz. $1.00.

Ornamental Grasses

Specimen plants, clumps or entire beds of harmonious varieties are always interesting. All are valuable for cutting, and some may be preserved and used in combination with "Everlasting" flowers for winter bouquets and decorations.

3361 **Coix Lacryma-Jobi** (Job's Tears). **HA.** The seeds are strung as beads. 1½ feet. Pkt. 10 cts., oz. 20 cts.

3367 **Eragrostis elegans** (Love Grass). **HA.** Nice for bunching with Sweet Peas, etc. 1½ feet. Pkt. 10 cts., oz. 40 cts.

3369 **Erianthus Ravennæ. HP.** Silvery plumes and violet-shaded leaves. 8 to 10 feet. Pkt. 10 cts., oz. 65 cts.

3371 **Eulalia zebrina** (Zebra Grass). **HP.** Leaves barred yellowish white. 4 feet. Pkt. 10 cts., ¼oz. 35 cts.

3375 **Gynerium argenteum** (Pampas Grass). **HP.** Beautiful, tall silvery plumes. 8 to 10 feet. Pkt. 10 cts., oz. 80 cts.

3382 **Pennisetum villosum (longistylum). HA.** Known as Fountain Grass; greenish white plumes. 2½ feet. Pkt. 10 cts., oz. 80 cts.

3383 **Pennisetum Ruppelii** (Purple Fountain Grass). **HA.** Purple plumes. 2½ feet. Pkt. 10 cts., oz. 80 cts.

Lemoine's Giant Heliotrope

3397 **GREVILLEA ROBUSTA** (Silk Oak). **TP.** A handsome pot-plant of upright growth, with graceful, fernlike foliage. Young plants, 2 to 5 feet high, are prized as window decorations, and are equally useful in protected nooks outdoors. Culture like geraniums. Pkt. 10 cts., ¼oz. 25 cts.

Gypsophila (BABY'S BREATH)

Annuals and early-flowering perennials, bearing graceful panicles of small flowers that are elegant for cutting and for bunching with other flowers.

3412 **Elegans grandiflora alba. HA.** An improved, large-flowered, white form; the famous Covent Garden strain. Pkt. 10 cts., oz. 25 cts.
3414 **Elegans rosea. HA.** Small, rose-pink flowers. Pkt. 5 cts., oz. 25 cts.
3416 **Paniculata. HP.** Flowers the first season. Equally desirable as a border plant and for cutting. 3 feet. Pkt. 10 cts., ¼oz. 20 cts.
3418 **Paniculata fl.-pl. HP.** A goodly proportion of the plants will produce exquisite, little, double, white flowers. Pkt. 20 cts.

Heliotrope TP

An old-time favorite with delicately vanilla-scented flowers. Useful for bedding and for pots and window-boxes. It prefers a cool, moist atmosphere and a rich soil. The seeds may be sown in pots or frames in early spring and transplanted to the open in late May. Plants that are pruned back in late summer may be potted up in the fall for winter blooming indoors.

3471 **Black King.** Of compact growth, with very dark stems and foliage and deep purple flowers. A fine bedding variety. Pkt. 15 cts.
3473 **White Lady.** Flowers white. Pkt. 15 cts.
3477 **Lemoine's Giant Hybrids.** Tall and strong-growing with large flowers in white and shades of blue and violet. Very free-blooming. Pkt. 20 cts.

THE NEW REGAL HELIOTROPES. A giant-flowering race—the finest Heliotropes for potting as well as bedding yet produced. Dwarf and bushy in growth, blooming early and covered with gigantic clusters of deliciously scented flowers.
3478 **Queen Helen.** Light blue.
3479 **Queen Jolanda.** White.
3480 **Queen Olga.** Violet; white eye.
3481 **Queen Margaret.** Darkest blue.
Each, pkt. 25 cts., 3 pkts. for 65 cts.

Helianthus (SUNFLOWER) HA

The larger forms are useful for massive, subtropical effects, while the more dwarf, small-flowered varieties of the Cucumerifolius type are good for cutting, yielding quantities of showy, long-stemmed flowers from July until frost. They do best on a fairly rich soil.

3431 **Double Chrysanthemum-flowered.** Large, bright golden yellow flowers, resembling Chrysanthemums, borne in profusion on strong plants, 6 to 8 feet tall. Pkt. 10 cts., oz. 50 cts.
3433 **Thousand-flowered Double.** Many branches, covered with clear yellow, double flowers. 5 feet. Pkt. 10 cts., oz. 40 cts.
3439 **New Red.** Large, single flowers in many shades of red and combinations of red and yellow, all very showy and attractive. 5 to 7 feet. Pkt. 10 cts., oz. 65 cts.
3442 **Cucumerifolius, Miniature.** Bushy plants, 3 feet tall, producing many bright orange, single flowers. Pkt. 10c., oz. 80c.
3444 **Cucumerifolius, Orion.** Single, yellow flowers with long, slender, twisted petals. 4 feet. Pkt. 10 cts., oz. 80 cts.
3446 **Cucumerifolius, Stella.** Single; golden with black disc. Pkt. 10 cts., oz. 60 cts.
3448 **Cucumerifolius, Double Hybrids.** Pkt. 10 cts., oz. 85 cts.

PERENNIAL SUNFLOWERS. Splendid background plants for the hardy border.
3455 **Many Varieties Mixed.** Medium-sized flowers; shades of yellow. Pkt. 15 cts.

3489 **HEUCHERA, Choice Hybrids. HP.** An improved strain of the old-fashioned "Coral Bells" or "Alum Root," with, dainty, bell-shaped flowers ranging in color from white to deepest crimson, on erect spikes above the low-growing foliage. Perfectly hardy and thrives anywhere; excellent for the rockery. Pkt. 15 cts.

Hibiscus (MALLOW) HP

Strong, bushy plants with large flowers like single Hollyhocks. They do best in a rather moist situation and will last for years when once established. Bloom in late summer.

3493 **Crimson Eye.** Large, pure white flowers with velvety crimson centers. 4 feet tall. Pkt. 10 cts., ¼oz. 50 cts.
3498 **Giant Rainbow Hybrids.** Flowers often 8 inches in diameter, ranging in color from white to deep red, some with dark centers and some in solid colors. The soft pink and rose shades are particularly attractive. Pkt. 10 cts., ¼oz. 50 cts.

Hollyhocks HB

Old-time favorites, requiring no description. They are beautiful for backgrounds and borders and useful for screening unsightly fences, etc. From seed sown in early spring, they may produce a few flowers in late summer, but they are at their best the second year.

3508 **NEW DOUBLE EXQUISITE.** Flowers very double, each petal exquisitely curled and fringed, with a broad margin of white, the centers being shades of rose, carmine, purple, and violet. In form they suggest the beautiful double fringed petunias while in color they resemble the pelargoniums. Lovers of Hollyhocks will welcome this magnificent new type. Pkt. 25 cts., 3 pkts. for 65 cts.

BECKERT'S SUPERB DOUBLE HOLLYHOCKS. Tall spikes, closely set with wonderfully showy, double flowers. A percentage flower the first season from seed sown the previous fall and, as they usually re-seed themselves, a bed will last for years. 6 to 8 feet.
3519 **Newport Pink.** Clear, salmon-pink. Pkt. 10 cts., ¼oz. 75 cts., oz. $2.65.
3515 **Pure White.**
3517 **Light Yellow.**
3520 **Rose-Pink.**
3521 **Deep Rose.**
3522 **Scarlet.**
3523 **Crimson.**
3524 **Maroon.**
3527 **All Colors, Mixed.**
Each, pkt. 10 cts., ¼oz. 65 cts., oz. $2.25; unless noted
3529 **Superb Single Mixed.** Pkt. 10 cts., ¼oz. 25 cts., oz. 85 cts.

EVERBLOOMING, or ANNUAL HOLLYHOCKS. These are really perennials which bloom the first season from seed sown in early spring.
3510 **Double Mixed.** Many colors. 6 to 10 feet. Pkt. 10 cts., ¼oz. 35 cts., oz. $1.15.

ALLEGHENY FRINGED HOLLYHOCKS. Hardy perennials with large, loosely-formed, semi-double flowers and beautifully fringed petals. 6 to 8 feet.
3512 **Mammoth Mixed.** Pkt. 10 cts., ¼oz. 40 cts., oz. $1.30.

Superb Double Hollyhocks

Hunnemannia

HUMULUS (Japanese Hop). **HHA.** Did you ever wish for a rapid climber which would quickly shade a sunny porch or hide an unsightly view or keep out busy eyes? Humulus will do all this in record time. Sown end of May, it will, *within four to six weeks*, climb 10 to 15 feet, covering arbor or trellis with dense, highly ornamental foliage, followed by clusters of white flowers.

3537 **Japonicus.** Growing to 30 feet in season. Pkt. 10 cts., ¼oz. 25 cts.
3538 **Japonicus variegatus.** Foliage variegated with creamy white on deep green. Matures in one season. Pkt. 10 cts., ¼oz. 30 cts.

3544 **HUNNEMANNIA fumariæfolia** (Giant Yellow Tulip Poppy). **HA.** A member of the Poppy family deserving the increased attention of our customers. Sown early in May, it will quickly grow bushy plants, about 1½ feet tall, with glaucous-blue, finely feathered foliage and large, buttercup-like, bright yellow flowers, which average 3 inches across, borne on 12-inch stems, from July until frost. They last a week in water after cutting, and some find it profitable to grow this annual under glass for winter flowers. Hunnemannia is by far the best of the Poppy family for cutting. Pkt. 10 cts., ¼oz. 25 cts.

IMPATIENS. TP. Charming plants for the house or conservatory, requiring no special treatment, growing quickly and blooming continuously.

3551 **Holstii Hybrids.** A remarkable strain, of great vigor, splendid for pot-culture. Compact plants about 1 foot high and 1 foot in diameter, with glossy green foliage and a profusion of bright flowers. Rose, Carmine, Vermilion, White with Red Center, Lilac, Dark Violet, and Crimson, in fine mixture. Pkt. 25 cts.
3552 **Sultani.** A strong grower, 1½ to 2 feet tall, bearing continuously brilliant, rosy scarlet blossoms, which contrast in striking manner with the bright green foliage. A rare and beautiful house-plant. Pkt. 35 cts.

KOCHIA tricophylla (Burning Bush; Summer Cypress). **HHA.** Very handsome, symmetrical plants, forming beautiful specimens without pruning or pinching, and growing 3 feet tall in three months. Wherever a quick-growing, annual hedge is wanted there is nothing better than Kochia.

3565 **Giant Christmas.** An improved form, remaining bright green until late in the fall and then turning to a gorgeous crimson-purple. Pkt. 10 cts., oz. 35 cts.

3572 **KUDZU VINE. HP.** A Japanese climbing vine with large leaves and fragrant, wistaria-like flowers; perhaps the strongest growing and most vigorous of all the climbers. It will climb 25 to 30 feet in a season, freezing down each winter but coming up from the roots again in the spring. Pkt. 10 cts., ¼oz. 25 cts.

LANTANA hybrida. HHP. Handsome bedding plants and beautiful for pots. The seed should be started indoors very early in the spring. Produces verbena-like clusters of pink, orange and red flowers.

3580 **Tall Mixed.** 2 feet. Pkt. 10 cts., oz. 40 cts.
3582 **Dwarf Compact Mixed.** A new and improved strain. Pkt. 15 cts., ¼oz. 30 cts., oz. $1.00.

Larkspur (ANNUAL DELPHINIUM) HA

Tall, showy plants, blooming freely during the summer months. The flowers are very bright and attractive, mainly in shades of blue, rose, violet, and white; durable and elegant for cutting. The seedlings should be thinned out early to stand at least a foot apart, to secure the fine branching habit now characteristic of most of the strains we offer.

3593 **Dwarf Double Rocket Mixed.** Fine bedders, growing about 1½ feet tall and blooming very early. A fine mixture of colors. Pkt. 10 cts., ¼oz. 20 cts., oz. 60 cts.
3595 **Tall Double Rocket Mixed.** Two to 3 feet tall with long spikes. Many shades. Pkt. 10 cts., oz. 50 cts.

TALL DOUBLE STOCK-FLOWERED VARIETIES. These are the favorite varieties for cutting and for tall borders. They grow 3 feet high and produce many candelabra-like trusses of beautiful flowers. Vigorous, early and free-blooming.

3602 **Exquisite.** A new and most desirable color in this useful class. Exquisite, clear, light rose-pink. It will undoubtedly be in great demand for cut-flowers. Pkt. 15 cts., ¼oz. 40 cts.
3607 **Rosy Scarlet.** The nearest to true red. Pkt. 15 cts., ¼oz. 40 cts.
3600 **Pure White.**
3601 **Shell-Pink.**
3604 **Deep Rose.**
3606 **Lustrous Carmine.**
3609 **Lilac.**
3611 **Sky-Blue.**
3613 **Dark Blue.**
3618 **Mixed.**

Each, pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

LATHYRUS latifolius (Perennial Pea). **HP.** A showy climber with flowers much like the annual sweet pea, but without fragrance. Suitable for low trellises and screens; blooms all summer.

3641 **Giant White Pearl.** Large, pure white flowers. Pkt. 15 cts.
3643 **Pink Beauty.** Bright rose-pink. Pkt. 10 cts., ¼oz. 25 cts.
3645 **Red.** Purplish carmine. Pkt. 10 cts., ¼oz. 25 cts.
3648 **Fine Mixed.** Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

LAVATERA splendens (Improved Annual Mallow). **HHA.** Beautiful and showy. Bushy plants, 2 feet tall; large, cup-shaped flowers in profusion all summer long. Sow the seed in May and thin the plants out to stand a foot apart.

3660 **Bright Rose.**
3662 **Pure White.**

Each, pkt. 10 cts., ¼oz. 30 cts., oz. $1.00

Stock-flowered Larkspurs

Lupinus

3683 **LINARIA Cymbalaria** (Kenilworth Ivy). **HHP.** A very graceful creeper or climber with glossy, ivy-like foliage. Dainty flowers in shades of lilac, rose, and white. Most attractive for boxes, baskets, etc. Pkt. 15 cts., ⅛oz. 45 cts.

LYCHNIS (Jerusalem Cross; Scarlet Ragged Robin). **HP.** Bright flowers for the perennial border, easy to grow and thriving in poor soil. The petals are arranged in the form of a Maltese Cross.

3757 **Chalcedonica, Scarlet.** Erect-growing, 2 to 3 feet tall, with clusters of flaming vermilion flowers at the top. Pkt. 10 cts., ¼oz. 25 cts.

3759 **Haageana Hybrids.** A form with very large flowers, nearly 2 inches across. Many shades of red. 1 foot tall. Pkt. 10 cts., ⅛oz. 50 cts.

3671 **LEMON VERBENA** (*Lippia citriodora*). **TP.** The old-time favorite; a shrubby perennial easily grown from seed. Valued for its fragrant leaves. Pkt. 15c.

3676 **LEPTOSIPHON, French Hybrids. HA.** Low-growing, with upright clusters of bright, little flowers. Scarlet, purple, yellow and white. For edging and rock-work. 8 inches. Pkt. 10 cts., ¼oz. 25 cts.

Lobelia

ERINUS VARIETIES. HA. Elegant little plants; profuse bloomers, valuable for edging and low beds and extensively grown in pots and baskets. For best effect, they should be grown in rich soil and the seed started very early.

3703 **Hybrida, Sapphire.** A much improved, trailing form for baskets and boxes. Large flowers, deep blue with white eye. Pkt. 25 cts.

3706 **Gracilis, Blue.** Light blue flowers; bright green foliage; trailing. Pkt. 10c., ¼oz. 40 cts.

3710 **Compacta, Crystal Palace.** Erect and very free-blooming. Rich azure-blue flowers; dark green foliage. 6 inches. Pkt. 15 cts., ⅛oz. 45 cts.

3712 **Compacta, Emperor William.** Dark blue. Pkt. 15 cts., ⅛oz. 45 cts.

3714 **Compacta, White Lady.** Pure white flowers. Pkt. 15 cts., ⅛oz. 35 cts.

3716 **Compacta, Mixed.** The Compacta varieties are the best bedders. 6 inches. Pkt. 10 cts., ¼oz. 40 cts.

PERENNIAL LOBELIAS. For the border. They do best in rich, moist soil.

3721 **Cardinalis** (Indian Pink; Cardinal Flower). **HP.** Long, full spikes of flaming scarlet flowers; very effective in shrubbery. 1½ feet. Pkt. 15 cts.

Lupinus (LUPINE; SUN-DIALS)

Old-fashioned favorites that thrive in almost any situation, though they bloom best and live longest on a "sweet" or limestone soil. The perennial varieties make splendid borders while the annual sorts are good bedders, and both furnish fine material for bouquets. Do not transplant.

HARTWEGII VARIETIES. HA. Vigorous growers with large spikes of showy flowers, blooming from June until September. These Lupines are popular with the florists for cutting. 2 feet.

3731 **Dark Blue.**
3733 **Rose.**
3735 **White.**
3737 **Sky Blue.**
3739 **All Colors, Mixed.**

Each, pkt. 10 cts., oz. 40 cts.

POLYPHYLLUS VARIETIES. HP. Long spikes of pea-shaped blossoms, in spring and early summer. 3 feet.

3741 **Blue.**
3743 **White.**
3749 **Mixed.**

Each, pkt. 10 cts., oz. 50 cts.

3745 **Bright Rose.** A much-improved form. Pkt. 15 cts., ¼oz. 60 cts.

Marigold HA

Old-fashioned annuals, always satisfactory, thriving in any sunny spot and making a fine display from midsummer until late fall.

AFRICAN MARIGOLDS (*Tagetes erecta*). Strong, upright plants with very large self-colored, showy flowers, often 2½ to 3 inches in diameter. The tall varieties grow about 2 feet high.

3772 **Orange Ball.** Immense, ball-shaped flowers; rich, glowing orange. Pkt. 10c., ¼oz 50 cts.

3773 **Lemon Ball.** Clear yellow, enormous, extra-double flowers. Pkt. 10 cts., ¼oz. 50 cts.

3775 **Tall Mixed.** Fine, double flowers. Pkt. 5 cts., ¼oz. 25 cts., oz. 75 cts.

3778 **Dwarf Pride of the Garden.** Bushy plants; bright golden yellow flowers. Pkt. 10 cts., ¼oz. 40 cts.

3779 **Dwarf Mixed.** Double; shades of yellow and orange. 15 inches. Pkt. 5 cts., ¼oz. 25 cts.

FRENCH MARIGOLDS (*Tagetes patula*). Bushy in growth, with small, brightly colored flowers, mostly bicolors. They are very effective for edging. The dwarf varieties grow about 10 inches high, and are covered with flowers all summer.

3782 **Dwarf Golden Ball.** Globular, bright orange-yellow. Pkt. 5 cts., ¼oz. 25 cts.

3784 **Dwarf Gold-striped.** Double, mahogany-colored flowers, striped with gold. Pkt. 5 cts., ¼oz. 25 cts.

3786 **Dwarf Double Legion of Honor.** Bright yellow with reddish brown spots at the base of the petals. Pkt. 5 cts., ¼oz. 30 cts.

3788 **Dwarf Double Mixed.** Many showy colors and markings. Pkt. 5 cts., ¼oz. 20 cts., oz. 60 cts.

3789 **Tall Double Mixed.** 2 feet. Pkt. 5 cts., ¼oz. 15 cts., oz. 50 cts.

MESEMBRYANTHEMUM. HHA. Interesting, low-growing plants with ornamental foliage. They prefer a sunny situation.

3795 **Crystallinum** (Ice Plant). Fleshy leaves covered with ice-like globules; small white flowers. Pkt. 10 cts., ¼oz. 25 cts.

3797 **Tricolor,** or **Pyropeum** (Wax Plant). Flowers crimson, pink, and white. Pkt. 10 cts., ¼oz. 25 cts.

African Marigolds

Mignonette HA

A general favorite; indispensable for its delightful fragrance. The seed may be scattered in the borders or any sunny spot. Mignonette prefers a medium light, loamy soil, with only a moderate amount of moisture. The improved varieties we offer grow about 15 inches high and have large, erect, compact flower-trusses.

3806 **Defiance.** Long spikes of grayish white florets; one of the best for cutting. Pkt. 10 cts., ¼oz. 30 cts.

3808 **Giant Machet.** An extra-select, mammoth-flowering strain of the popular Machet variety. Florets reddish green. Pkt. 15 cts., ¼oz. 40 cts.

3812 **Giant Crimson, or Goliath.** Large, uniform trusses of deep red flowers; fine for forcing as well as outdoors. Pkt. 15 cts., ¼oz. 40 cts.

3814 **Golden Machet.** Massive spikes of golden yellow blossoms. Pkt. 15 cts., ¼oz. 40 cts.

3816 **Giant White Pearl.** Long, broad trusses of white blossoms. The finest white variety. Pkt. 20 cts., ¼oz. 65 cts.

3818 **Giant Mixed.** A fine blend. Pkt. 10 cts., ¼oz. 30 cts.

3820 **Old-fashioned Sweet-scented.** Dwarf, with many small spikes of extremely fragrant blossoms. Pkt. 10 cts., oz. 25 cts., ¼lb. 70 cts.

Moonflowers TA

Quick-growing climbers with dense, dark green foliage and immense flowers that open in late afternoon and close when the morning sun appears. The vines will reach a height of 20 feet or more and bear hundreds of great salver-shaped blossoms from late August until October. It is best to start the seed in pots indoors about March 15 and transplant to the open ground in mid-May, although the seed may be sown outdoors after the soil is warm and the trees well out in leaf. Notch the seed with a file and soak it for twenty-four hours in lukewarm water before planting.

3845 **White-seeded.** Flowers white, often 6 inches across. Pkt. 10 cts., oz. 45 cts.

3847 **Black-seeded.** Hardier and blooms earlier than the white-seeded form, but the flowers are not quite so large. Pkt. 10 cts., oz. 50 cts.

3849 **Giant Pink.** Soft lilac-pink. Pkt. 10 cts., oz. 40 cts.

3851 **Heavenly-Blue.** Lovely sky-blue flowers, white in the center and shading to rose at the margin, 4 to 5 inches across and produced in the greatest profusion. May also be grown in pots and is fine for cutting. Pkt. 15 cts., oz. 75 cts.

3855 **Fuchsia-flowered.** An unusual variety, producing small, rose-pink flowers and seed-pods that resemble the flower of the Fuchsia. Pkt. 10 cts., oz. 40 cts.

Morning-Glories HHA

3868 **Tall Mixed** (*Ipomœa purpurea*). The Common Morning-Glory. Always satisfactory, thriving in any soil. All shades of blue, pink and red in finest mixture. Pkt. 10 cts., oz. 20 cts., ¼lb. 45 cts.

3870 **Snow Fairy.** A beautiful, pure white, double form in which the trumpet is surrounded by a fringe of many petals, like a tassel. Pkt. 15 cts., oz. 65 cts.

3872 **Brazilian** (*Ipomœa setosa*). An extremely rapid grower with leaves often measuring 10 inches across. The large flowers appear in late summer and are deep rose with a five-pointed star of satiny pink. Pkt. 10 cts., oz. 40 cts.

THE JAPANESE MORNING-GLORIES. Remarkable for the brilliant colors of the flowers as well as for the form and variegation of the foliage. The flowers come in all conceivable shades of red and blue, including lilac, mauve and gray, cerise, wine-red, purple, creamy brown, and chocolate, many of them margined or mottled and striped. The seed should be started indoors in March or sown outdoors in late May. Soaking the seed before planting is advisable.

3878 **Imperial Giants, Mixed.** In many colors. Pkt. 10 cts., oz. 35 cts.

3879 **Imperial Fringed, Mixed.** Petals gracefully fringed. Pkt. 10 cts., oz. 50 cts.

Japanese Morning-Glories

3825 **MIMOSA pudica.** TA. The interesting Sensitive Plant, the leaves of which fold as soon as touched. A neat ornamental plant for the house. 1 to 2 feet. Pkt. 10 cts., ¼oz. 35 cts.

3829 **MIMULUS moschatus** (Musk Plant). HHP. A nice plant for pots or hanging-baskets; small, yellow flowers and fragrant foliage. Pkt. 15 cts.

3833 **MINA lobata.** HP. A vigorous, showy climber with flowers borne in twin sprays. The buds are bright red; full flowers pale yellow. Pkt. 10 cts., ¼oz. 85 cts.

MOMORDICA. HHA. Ornamental vines. 10 ft.

3838 **Balsamina** (Balsam Apple). Small, yellowish flowers followed by apple-shaped, golden yellow, warty fruits. Pkt. 10 cts., oz. 45 cts.

3839 **Charantia** (Balsam Pear). Pear-shaped fruits; glossy green foliage. Pkt. 10 cts., oz. 45 cts.

Myosotis palustris

3881 **DWARF MORNING-GLORY** (*Convolvulus minor*). **HA.** Showy in beds and borders and on rockwork, thriving in any sunny location. Bright colors. 1 foot. Pkt. 10 cts., oz. 30 cts.

3886 **MUSA Ensete** (Abyssinian Banana). TP. A large and showy, subtropical foliage plant. Seeds sown in the hothouse will produce fine plants for tubs, or large pots the first season. Pkt. (10 seeds) 25 cts.

Myosotis (FORGET-ME-NOT)

Lovely, little plants for moist and shady situations. The seed should be sown in late spring or early summer for blooming the following season, and the plants should have some protection over winter. Any of the varieties we offer may also be lifted in fall and potted for winter flowering.

3891 **Alpestris, Victoria.** HP. Dwarf, compact, and much-branched, with large, bright blue flowers. May be treated as an annual, as it flowers eight to ten weeks after sowing. Pkt. 15 cts., ⅛oz. 60 cts.

3893 **Alpestris, Mixed.** HP. Blue, white, and rose. Pkt. 10 cts., ¼oz. 45 cts.

3894 **Dissitiflora, Perfection.** HB. Extra-large flowers, twice the size of the ordinary Forget-me-not; light blue; very fine. Pkt. 20 cts.

3896 **Hybrida, Ruth Fischer.** HHP. The best variety for pots. Dwarf and compact, with large, deep blue flowers, blooming over a long season. Pkt. 30 cts.

3898 **Palustris.** HP. The true "Forget-me-not." Dainty, bright blue flowers on dwarf, bushy plants. Pkt. 15 cts., ⅛oz. 60 cts.

The World's Choicest Nasturtiums HA

Large-Flowered Tall or Trailing Varieties

The Nasturtiums deserve every bit of their immense popularity, for they will grow anywhere and produce an amazing quantity of brightly colored flowers for cutting. The tall or trailing varieties grow quickly and are most useful for screening unsightly fences and quickly covering waste spots. Gorgeous solid effects can be obtained by planting the named varieties. The seed may be sown in the open ground as soon as the soil can be put in shape for planting. They will commence to bloom in June and continue to bloom profusely until hard frost, if the flowers are kept cut. Growth 6 to 8 or 10 feet.

The following list includes the finest varieties yet developed.

3921 **Moonlight.** Clear, light primrose flowers; light green foliage.
3923 **Sunlight** (Jupiter). Large, shining golden yellow.
3925 **Twilight** (Hemisphericum). Terra-cotta yellow, blotched and marbled with rose.
3927 **Butterfly.** Lemon-yellow with deep crimson blotches.
3930 **Salmon Queen.** Rich rosy salmon; deep green leaves.
3932 **Blue Rose** (Von Moltke). Rosy red with a bluish cast; a most attractive variety.
3934 **Scarlet** (Coccinea). Brightest scarlet flowers.
3936 **King Theodore.** Deep blood-red; dark foliage.
3938 **Edward Otto.** Lilac-brown flowers; unique.
3939 **Midnight.** Foliage very dark green; flowers deep brownish maroon.
3941 **Chameleon.** An interesting variety, bearing flowers of different colors and markings on the same plant.

Each, pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.75

Lobb's Tall Nasturtiums

These are more profuse in bloom than the preceding tall varieties, but not as rank in growth. The flowers are small to medium in size and very brilliant.

3970 **Madame Gunther's Hybrids.** Very dark leaved varieties; flowers of the brightest colors. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts.
3972 **Fine Mixed.** Contains many vivid colors in this small-flowered but remarkably free-blooming type. Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

Variegated-leaved Dwarf Nasturtiums

Tall Nasturtiums in Mixture

3943 **Fine Mixed.** A good mixture containing a liberal assortment of colors; flowers of good size; plain-leaved varieties only. Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.10.
3949 **Variegated-leaved Mixed.** Foliage light and dark green, beautifully marbled with white and yellow. A bed of these is wonderfully effective, even without the flowers, although the flowers are as fine as those of any other class. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.75.
3952 **Ivy-leaved Mixed.** Leaves like the English Ivy; flowers attractively fringed. Distinct. Pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.00.
3955 **Beckert's Superb Mixture of Fancy Giant-flowered Varieties.** A special blend, embracing all of the finest named varieties, together with a number of outstanding new hybrids obtainable only in mixture. Both plain and fancy-leaved sorts. Large pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.50.

Dwarf or Tom Thumb Nasturtiums

Compact, bushy plants, just right for bedding, blooming freely from June until frost and furnishing splendid cut-flowers. Rich soil is not necessary; in fact, they make more compact plants and bloom earlier and more profusely on a rather poor and dry soil. We offer the finest of the named varieties as well as mixtures for every purpose.

3977 **Golden King.** Bright, rich yellow flowers; dark green foliage.
3979 **Beauty.** Clear yellow with red spots.
3981 **Crystal Palace Gem.** Straw-yellow, blotched with crimson.
3983 **Vesuvius.** Clear rosy salmon.
3984 **Rudolph Virchow.** Soft rose shading to wine-red; distinct.
3988 **King of Tom Thumbs.** Bright scarlet flowers; deep green leaves.
3989 **Empress of India.** An outstanding variety, deep scarlet flowers in effective contrast with very dark foliage.
3990 **General Jacqueminot.** Dark wine-red, almost purple.
3991 **King Theodore.** Rich crimson-maroon.
3995 **Chameleon.** Like the tall Chameleon, this produces flowers of different colors on the same plant.

Each, pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.00

3997 **Dwarf, Fine Mixed.** Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.20.
4010 **Dwarf Variegated-leaved Mixed.** Foliage handsomely variegated; flowers in many bright colors. Most effective in beds. Pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.00.
4015 **Dwarf Ivy-leaved Mixed.** Ivy-like foliage; laciniated flowers. Pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.00.
4017 **Beckert's Superb Mixture of Fancy Dwarf Nasturtiums.** The cream of the Dwarf Nasturtiums in a special blend. Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.50.

LILLIPUT NASTURTIUMS. A charming new class of special merit for low beds and borders. The bushes are very solid and compact; the flowers and leaves are very small but of perfect shape. Really a miniature class and, as such, quite a novelty.
4022 **Choice Mixed.** Pkt. 10 cts., oz. 25 cts. ¼lb. 70 cts., lb. $2.50.

Special Offer. **To encourage the planting of Nasturtiums in separate, named sorts, we will supply one packet each of any 6 varieties, your selection, 6 packets in all, for 50 cts. postpaid; any 6 ounces for $1.00 postpaid.**

4031 **NEMESIA strumosa grandiflora. HHA.** Bushy plants, 8 to 12 inches high, with top clusters of large flowers somewhat resembling snapdragons. White, yellow, and shades of red, some marked with purple. Pkt. 15 cts., ⅛oz. 60 cts.

Nicotiana (SWEET-FLOWERING TOBACCO) HHA

Beautiful border plants, sometimes used for pots and boxes, easy to grow from seed. They do best on a deep, loamy soil and in a sheltered situation. It is advisable to start the seed indoors, although both late spring and fall sowings give good results.

4043 **Affinis.** The best-known variety; in full flower every sunny day from June until cut down by frost. Clusters of trumpet-shaped, white flowers on tall stems above the luxuriant foliage. 2½ to 3½ feet. Pkt. 10 cts., ¼oz. 20 cts.
4044 **Affinis Hybrids.** Like Affinis but with larger flowers, coming in shades of pink and white. Pkt. 10 cts., ¼oz. 25 cts.
4046 **Sanderæ.** Not quite as tall as Affinis but more bushy in growth. Large, carmine-rose flowers. Pkt. 10 cts., ¼oz. 30 cts.
4047 **Sanderæ Hybrids.** A splendid strain; large flowers; white, pink, lavender, blood-red and purple. The finest for bedding. Pkt. 10 cts., ¼oz. 35 cts.
4049 **Sylvestris.** A free-blooming, white-flowered variety with particularly attractive foliage. 3 feet. Pkt. 10 cts., ¼oz. 20 cts.

4078 **OXALIS tropæoloides** (Wood Sorrel). **HP.** Brownish foliage; small, yellow flowers. Fine for its foliage effect in bedding and good for pots and baskets. 6 to 8 inches. Pkt. 10 cts., ⅛oz. 25 cts.

NIGELLA Damascena. HA. Interesting flowers, elegant for cutting. The seed-pods of some are curiously horned and the black seeds are aromatic. Easy to grow, blooming all summer. 15 inches.
4057 **Miss Jekyll.** This is a double form with neat, fennel-like foliage and beautiful, sky-blue flowers. Fine for cutting. Pkt. 10 cts., oz. 35 cts.
4058 **Double Mixed.** White and shades of blue. Pkt. 10 cts., oz. 25c.

4054 **NIEREMBERGIA frutescens** (Cup Flower). **HHP.** Very pretty border plants, blooming all summer from seed sown indoors in early spring; also nice for pots. Bushy growth; feather foliage; flowers in white and shades of pink and lavender, with yellow centers. 2 to 3 feet. Pkt. 10 cts., ¼oz. 50 cts.

ŒNOTHERA (Evening Primrose). **HP.** Blooms all summer and very freely. Opens in the evening and lasts well during the next day. 2 to 3 feet.
4071 **Afterglow.** Yellow with brilliant red calyx. Pkt. 15 cts.

PENTSTEMON (Beard Tongue). **HP.** Splendid plants for the hardy border, very showy in clumps. They prefer a sunny situation and rich, deep soil.
4157 **Sensation.** A hybrid strain, with giant, gloxinia-like flowers, ranging in color from pink to scarlet and maroon, variously striped and blotched with other colors. Very free-blooming, from midsummer until frost. 2 feet. Pkt. 15 cts.
4159 **Choice Mixed.** Of the Gloxinioides type; many colors. Pkt. 10 cts.

Petunias HA

The Choicest Double and Single Varieties

Wonderfully vigorous and free-flowering, thriving on any soil and in the hottest weather, few flowers are so generally satisfactory in our trying climate as the Petunias. Ingenious hybridizing has multiplied this family into many diverse forms. Single- and double-flowering, plain or fringed petals, tall or dwarf growth may all be had remarkably true from seed. Petunias are valuable for bedding, baskets and window-boxes. The seed may be started indoors in February or March or sown in the open in early May.

Single Petunias

SINGLE PETUNIAS

BEDDING VARIETIES. These make good-size, bushy plants, about 10 inches high, covered with showy flowers all summer long.
4172 **Rosy Morn.** A very bright and lovely shade of rose, lighter in the throat; remarkably free-blooming. Pkt. 10 cts., ⅛oz. 50 cts.
4174 **Rose of Heaven.** Very dwarf rose-pink. Pkt. 15 cts., ⅛oz. 50 cts.
4176 **Howard's Star.** Deep red flowers, each marked with a large and distinct star of white or blush-pink. Pkt. 10 cts., ⅛oz. 50 cts.
4178 **Striped and Blotched.** Flowers of many colors, variously marked with lighter shades. Pkt. 10 cts., ¼oz. 40 cts.
4179 **Fine Mixed.** Pkt. 10 cts., ¼oz. 40 cts., oz. $1.25.

DWARF COMPACT VARIETIES. Free-blooming with showy, little flowers, making compact, bushy plants about 6 inches high.
4181 **Snowball.** A mass of snowy white. Pkt. 10 cts., ⅛oz. 50 cts.
4185 **Brilliant Rose.** Bright carmine-pink. Pkt. 10 cts., ⅛oz. 50 cts.
4186 **Norma.** Blue with white star. Pkt. 10 cts., ⅛oz. 70 cts.
4187 **Violet.** Deep violet; fine for low beds. Pkt. 10 cts., ⅛oz. 70 cts.
4188 **Inimitable.** Flowers in many shades of deep rose, red and maroon, striped and blotched with white and pink. Fine for edging. Pkt. 10 cts., ⅛oz. 45 cts.

BALCONY PETUNIAS. These varieties have become very popular within the last few years. They are free-blooming, trailing in growth, with large flowers. Particularly suited for hanging-baskets, porch-boxes, etc., and showy in beds.
4192 **White** 4194 **Rose** 4196 **Dark Red** 4199 **Mixed**
Each, pkt. 15 cts., ⅛oz. 85 cts., ¼oz. $1.50
4198 **Balcony Blue** (Violet Queen). An outstanding variety, with large flowers of a beautiful, clear violet-blue color. Pkt. 25 cts., 3 pkts. for 65 cts.

NEW FRINGED BALCONY. These beautiful new additions to the easily grown and ever-useful Petunias will be welcomed by all flower-lovers. In size, habit of growth, and luxury of bloom they are similar to the famous Balcony varieties, and to these outstanding qualities they add the grace and beauty of the ruffled and fringed sorts. For borders, beds, window, or porch-boxes they have no equals. Four splendid colors are available for 1926. The supply of seed is quite limited and we suggest early orders.
4216 **White Beauty.** Snowy white with attractive throat markings. A mass of flowers all summer. Beautifully frilled.
4217 **Pride of Portland.** Rich Tyrian rose, lighter in the throat; well waved; gorgeous in masses.
4218 **Elk's Purple.** Immense flowers with heavy velvety petals, crumpled and waved. Rich violet-purple.
4219 **Red Beauty.** Glowing crimson-scarlet, shading to rose in the throat and toward the lovely frilled edges.
Any of the New Fringed Balconies, pkts. only, 35c. ea., $1.00 for four

GIANT-FLOWERED VARIETIES. Vigorous growers, semi-trailing in habit, with flowers which often measure 4 inches across.
4203 **Giants of California.** Many light shades mostly with blotches and pencil-markings of a different color in the throat. A superb strain. Pkt. 25 cts.
4204 **Giant Single Fringed.** Large fringed flowers. Pkt. 25 cts.
4206 **Ruffled Giants.** A distinct type of recent development. Very large flowers, deeply ruffled and fluted; elegant in masses. Pkt. 25c.

DOUBLE PETUNIAS

The seed of the double-flowering Petunias is obtained by hand-hybridizing; 40 to 60 per cent of the seedlings produce big, fluffy, double flowers of great beauty.
4212 **Fancy Double Fringed, Mixed.** A superb mixture of ruffled and fringed varieties. Pkt. 50 cts.
4215 **Marvelous Double.** The finest strain of giant-flowering, double Petunias in existence. Some flowers measure 5 inches across; none less than 3 inches. Beautifully frilled, fluted, ruffled, and pinked, in many forms and colors. White, pink, violet, lavender, mauve, crimson, and variegated. Pkt. $1.00.

BECKERT'S PANSIES (HEARTSEASE) HHP

Pansy Seed Has Been a Leading Specialty with Beckert's for Many Years. Our Strains Are Absolutely Unsurpassed

Pansies prefer a light, rich soil and a partially shaded, cool, moist location but will thrive under less favorable conditions. In fact, any soil and situation may be made to grow good Pansies, but if it is necessary to plant them in full sun exposure, mulch the beds in hot weather and water them freely. With proper care, Pansies will bloom from early spring until late fall, although the flowers produced in midsummer are never as large or brilliant as those produced in the cool spring and fall months.

Best results are obtained by sowing the seed in July or August and carrying the young plants over the winter in cold-frames or in a sheltered spot in the garden, protected by a deep covering of straw or dead leaves. These plants will bear truly enormous flowers early the next spring and continue throughout the season. The seed may also be sown in late April and the plants from this sowing will commence to bloom in late June. Full-blown flowers should be removed every few days to prevent their going to seed. Do not spare the hose; it is next to impossible to give Pansies too much water; sprinkle them twice a day in the hot spells.

The *Trimardeau Giant Pansies*, developed by a famous French Pansy-grower, are much larger and finer than the old-fashioned bedding Pansies and may be had in a wide range of attractive colors, coming true from seed. The various *Show* or *Exhibition* strains do not represent distinct colors but rather different specialists' ideals of perfection in size, shadings, and markings. The *Winter-Flowering* or *World's Record* type is a comparatively new development in Pansies, valuable for its hardiness and earliness.

***Beckert's Leaflet on Pansy Growing* is free to those who ask for it on their orders.**

4100 Beckert's Superb Mixture of Giant-flowering Exhibition Pansies

Represents years of painstaking work on the part of Pansy-breeders. It is a blend of the very cream of Show Pansies, producing flowers of magnificent size and form and containing rare colors and markings that are not produced in any other strains. For all that goes to make ideal Pansies, we know that it cannot be equaled at any cost. Beckert's Superb Mixture stands supreme among Exhibition Pansies. **Pkt. 50 cts., ⅛oz. $1.50, ¼oz. $2.75, oz. $10.00.**

THE FINEST EXHIBITION PANSIES

4091 **BUGNOT'S GIANTS.** Flowers of the largest size in a great diversity of charming colors. Each flower is marked with a central blotch of darker color which radiates out toward the margin of the petals, producing a most unusual and attractive effect. Pkt. 25 cts., ⅛oz. 90 cts., ¼oz. $1.60, oz. $6.00.

4093 **CASSIER'S SUPERB BLOTCHED.** Large, round flowers of the brightest colors, marked with a distinct dark blotch at the base of each of the five petals. Pkt. 25 cts., ⅛oz. 90 cts., ¼oz. $1.60, oz. $6.00.

4095 **CURLED MASTERPIECE.** Every petal is elegantly frilled and curled, while the flowers are among the largest to be found in Pansies. Masterpiece Pansies are rich in the rare mauve, red, and velvety brown shades. Pkt. 25 cts., ⅛oz. $1.00, ¼oz. $1.85, oz. $7.00.

4097 **MADAME PERRET.** A very famous French strain, in which rich reddish maroon and rosy purple shades predominate. This is the finest of the "wine-colored" Pansies. Pkt. 25 cts., ⅛oz. 75 cts., ¼oz. $1.35, oz. $5.00.

4099 **CHOICE MIXED.** A very fine blend of the best large-flowering Show Pansies. Pkt. 25 cts., ⅛oz. 70 cts., ¼oz. $1.25, oz. $4.50.

AMERICAN MASTODON PANSIES

The Mastodon Pansies were developed by the foremost American Pansy-grower to meet the demand for a thrifty strain producing well-rounded flowers of the very largest size.

4101 **Private Stock Mixed.** Uniformly large-flowering and vigorous in a fine assortment of colors, including both the blotched and self colored types. Pkt. 25 cts., ⅛oz. $1.00, ¼oz. $1.85.

4102 **Greenhouse Special.** The very finest selection of Mastodon Pansies, containing an unusual proportion of the most popular colors, such as the red and bronze shades. Pkt. 40 cts., ⅛oz. $1.35, ¼oz. $2.50.

TRIMARDEAU GIANT PANSIES

This beautiful class produces flowers of giant size with round, overlapping petals. The plants are vigorous and free-blooming, compact in growth and of ideal bedding habit.

4105 **Adonis.** Clear, light blue, edged white.
4106 **Andromeda.** Rosy lavender; distinct.
4110 **Golden Bronze.** Old-gold and brown.
4112 **Golden Queen.** Pure, bright yellow.
4114 **Hortensia Rose.** Blotched deep rose on lighter ground.
4115 **Imperial Blue.** Ultramarine with dark blue blotches.
4117 **King of the Blacks.** Shining black.
4119 **Lord Beaconsfield.** Violet, shading to white on upper petals.
4123 **Royal Purple.** Dark, velvety purple.
4125 **Snow Queen.** Pure, satiny white.
4127 **Victoria.** Purplish red.
4129 **White with Violet Eye.**
4131 **Yellow with Dark Eye.**
4133 **Striata.** Curiously striped and flaked in many colors.

Any of the above, pkt. 15 cts., ¼oz. $1.35, oz. $5.00

4135 **Trimardeau Giants Mixed.** Pkt. 10 cts., ¼oz. $1.10, oz. $4.00

THE NEW GIANT WINTER-FLOWERING OR WORLD'S RECORD PANSIES

Similar to the Trimardeau Giants in size and form but they commence to bloom very early when other varieties are still dormant. From seed sown the previous August they will often bloom before the late spring snows have melted away.

4138 **Celestial Queen.** Clear sky-blue.
4140 **Ice King.** Silvery white.
4142 **March Beauty.** Velvety dark blue.
4144 **Winter Sun.** Golden yellow.

Each, pkt. 25 cts., ⅛oz. 75 cts., ¼oz. $1.40, oz. $5.25

Phlox Drummondii

4275 **PLATYCODON grandiflorum** (Chinese Bellflower). **HP.** Balloon-like buds followed by broad, bell-shaped flowers; deep blue and white, mixed. 1½ feet. Pkt. 10c., ⅛oz. 50 cts.

Phlox (FLAME FLOWER)

A very beautiful and useful family. The annual sorts make brilliant beds while the perennials are great favorites for the border. To secure the best results, they should be sown in well-drained soil and thinned out at an early stage to secure sturdy plants. Full sun exposure suits them best, as in wet or shady situations they are subject to mildew. All faded trusses of flowers should be removed before they go to seed.

PHLOX DRUMMONDII GRANDIFLORA HHA

Improved, large-flowering, tall varieties, producing their showy trusses of big, round florets from early July until fall. The seed should be sown outdoors in April or May, although it may be started earlier indoors if extra-early bloom is desired. Thin the plants to stand at least 10 inches apart. Fine bedders and useful for cutting. 1 foot tall.

4223 **Pure White**
4227 **Primrose-yellow**
4229 **Shell-Pink**
4234 **Bright Rose**
4240 **Violet**
4231 **Pink with Red Eye**
4236 **Scarlet**
4238 **Blood-Red**

Each, pkt. 10 cts., ¼oz. 40 cts., oz. $1.25

4242 **Finest Mixed.** The very finest mixture of large-flowering, tall varieties; a magnificent assortment of brilliant colors; many flowers with distinct eyes. Pkt. 10c., ¼oz. 30 cts., oz. $1.00.

4245 **Starred and Fringed, Mixed.** Flowers of many colors, with deeply fringed and pointed petals. Pkt. 10 cts., ¼oz. 30 cts., oz. $1.00.

DWARF PHLOX DRUMMONDII HHA

The dwarf varieties are compact in growth, averaging 6 inches in height. For edgings and low borders they are unsurpassed, blooming profusely from early summer until fall.

4248 **Snowball.** Pure white.
4251 **Rose.** Bright rose.
4254 **Fireball.** Scarlet.
4259 **Finest Mixed.**

Each, pkt. 15 cts., ¼oz. $1.00

4260 **Large-flowering Dwarf Cecily, Mixed.** A strain which produces extra-large trusses of flowers, mostly in the lighter colors. 6 inches. Pkt. 15 cts., ⅛oz. 65 cts.

PHLOX DECUSSATA GRANDIFLORA HP

The hardy Phloxes are splendid old-fashioned border flowers, lasting for years when once established on good soil, and blooming from July until September. The seed should be sown during the summer or fall months. 3 feet.

4267 **Finest Mixed.** Saved from the newest and best large-flowering varieties. The seed germinates slowly and irregularly over a period of six months or more. Pkt. 15 cts.

Annual Poppies HA

For flaming brilliancy of color the Poppies have no rivals among the annual flowers. Some varieties are suitable for cutting; the Shirleys, in particular, if picked early in the morning with the buds just showing color, will last in water for two days. Scatter the seed thinly and do not transplant.

4283 **AMERICAN LEGION.** The single, scarlet Poppies have come to have a new and deep significance, emblems of America's sacrifice to the cause of Liberty on "Flanders fields." This select strain of the European Corn Poppy, adapted to American conditions, is fittingly called "American Legion." Single flowers, intense scarlet; 2 feet tall. Successive sowings made every week or ten days will provide continuous bloom over a long period. Pkt. 10 cts., ¼oz. 30 cts., oz. $1.00.

OTHER SINGLE VARIETIES. The best of the annual, single-flowered sorts.

4281 **Admiral.** White with a broad band of scarlet around the top of the petals. 3 feet. Pkt. 10 cts., oz. 35 cts.

4286 **Danish Flag.** A very striking flower; red with white spots at the base of the petals, forming a cross and thus resembling the flag of Denmark. 3 feet. Pkt. 10 cts., oz. 30 cts.

4292 **Shirley Improved.** A great favorite, coming in many beautiful shades—rose, salmon, apricot, pink, crimson, red with white margin, etc. 2 feet. Pkt. 10 cts., oz. 40 cts., ¼lb. $1.25.

4294 **The Bride.** Large flowers, pure snowy white, fringed petals. 2½ feet. Pkt. 10 cts., oz. 30 cts.

4296 **Tulip** (Glaucum). The flowers are cup-shaped, reminding one immediately of a Tulip. Brilliant scarlet; many flowers to a plant; unique in form and color. 1 to 1½ feet. Pkt. 10 cts., ¼oz. 25 cts., oz. 80 cts.

4299 **Single-flowered, Mixed.** Pkt. 10 cts., oz. 30 cts.

DOUBLE ANNUAL VARIETIES. These are most attractive.

4303 **Cardinal.** A splendid border variety. Big, double flowers with fringed petals; shades of red. 2½ feet. Pkt. 10 cts., oz. 50 cts.

4307 **Mikado.** Fluffy, ball-shaped blossoms; pure white, each petal tipped with crimson. 2½ feet. Pkt. 10 cts., oz. 40 cts.

4312 **Double Shirley Hybrids.** Semi-double or ranunculus-flowered, in all of the attractive Shirley colors; the most noteworthy of the recent developments in Poppies. 2 feet. Pkt. 15 cts., ¼oz. 40 cts.

4315 **White Swan** (Snowdrift). Very large and double, pure white flowers, elegantly fringed. 3 feet. Pkt. 10 cts., oz. 40 cts.

4317 **Carnation-flowered, Mixed.** Large, ball-shaped flowers; petals beautifully fringed. 3 feet. All colors. Pkt. 10 cts., oz. 30 cts.

4318 **Peony-flowered, Mixed.** In form resembling a Peony; large and double. 3 feet. Pkt. 10 cts., oz. 30 cts.

4319 **Double-flowered, Choice Mixed.** Pkt. 10 cts., oz. 30 cts.

For Perennial Poppies, see page 59

4219 **PHACELIA campanularia. HA.** One of the finest of the really blue flowers; ideal for borders and edging. Bushy plants covered with clear, deep blue, bell-shaped flowers from May until August. Sow in early spring or fall. 8 inches. Pkt. 10 cts., ¼oz. 45 cts.

Shirley Poppies

Perennial Poppies HP

The hardy Poppies are among our most gorgeous "old-fashioned" flowers. The Bracteatum and Orientale varieties may be sown from July to September to flower the following season. The Iceland Poppies may be handled in the same way or started indoors in February, in which case they will bloom the first season. Like the annual varieties, the hardy Poppies thrive on comparatively poor soil but prefer a sunny and well-drained location.

4321 **Bracteatum.** Immense, blood-red flowers with black blotches at the base of each petal. 4 feet. Pkt. 10 cts., ¼oz. 30 cts.

4324 **Iceland, Mixed** (Nudicaule). Very graceful, dwarf plants bearing many dainty flowers. White, shades of yellow, salmon, and orange. 1 foot. Pkt. 10 cts., ⅛oz. 35 cts.

4326 **Orientale.** Gigantic, deep scarlet flowers; the flaming "Decoration Day" Poppy. 3 feet. Pkt. 10 cts., ⅛oz. 25 cts., ¼oz. 40 cts.

4329 **Orientale Hybrids, Mixed.** Like Orientale but the flowers are white, orange and shades of red. Pkt. 10 cts., ⅛oz. 35 cts., ¼oz. 60 cts.

Oriental Poppy

Portulaca HA

Ideal bedding flowers for light, dry soils and sunny situations, blooming profusely during the hottest weather and making very bright and showy beds. The flowers come in white and shades of red and yellow; the plants are procumbent with succulent stems and leaves. The seed should be sown where the flowers are wanted and the plants thinned out to stand about 10 inches apart. Height 4 to 6 inches.

4335 **Single Finest Mixed.** All colors. Pkt. 10 cts., ¼oz. 30 cts.

4339 **Double Mixed.** Extra-fine quality. Flowers like little roses; a large percentage come double. Pkt. 15 cts., ¼oz. 80 cts.

Primula sinensis (Chinese Primrose)

Primroses (Primula)

A large and varied group of plants, from which we get some of our finest pot-plants as well as a number of popular, little, hardy border flowers.

Primula sinensis (CHINESE PRIMROSE) TP

Beautiful house-plants, readily grown from seed which should be sown thinly so that the earliest plants may be removed without disturbing seed that will germinate later. For Christmas-blooming plants the seed should be started the previous January. The plants should be grown rapidly in a moderately cool temperature and repotted frequently, increasing the richness of the soil with each transfer. We offer an improved strain with extra-large flowers which are attractively fringed and fluted.

4401 **Giant White.**
4403 **Giant Pink.**
4405 **Giant Salmon.**
4407 **Giant Red.**
4409 **Giant Light Blue.**
4412 **Giant Mixed.**

Each, pkt. 35 cts., 3 pkts. for $1.00

4414 **Stellata, Mixed.** (Star Primroses). Taller growing than the fringed form, with star-shaped flowers on long stems; profuse bloomers. Pkt. 35 cts.

4361 **PRIMULA Kewensis. TP.** A robust grower; flowers bright yellow; the plants commence to bloom while still quite small and flower continuously for a long period. Culture like *Primula sinensis*. Pkt. 25 cts.

4365 **PRIMULA malacoides superba. TP.** The improved Baby Primrose. Foliage light green, deeply waved and fringed; flowers in profusion on long stems, lavender-pink. Fine pot-plants. Culture like *Primula sinensis*. Pkt. 35 cts.

4366 **Malacoides alba.** A pure white form of the above. Pkt. 35 cts.

4367 **Malacoides fl.-pl.** A strain producing a high percentage of dainty double flowers. Pkt. 35 cts.

Primula obconica TP

A class that has been steadily growing in popularity for decorative pot-plants, blooming from autumn to spring. Culture like *Primula sinensis*.

GIGANTEA TYPE. Flowers nearly as large as the Chinese Primroses. Choice seed of the originator's strain.

4372 **Lilac**
4376 **Deep Rose**
4373 **Apple Blossom**
4379 **Red**
4381 **Mixed**

Each, pkt. 35 cts., 3 pkts. for $1.00

GRANDIFLORA TYPE. Smaller flowers but very free-blooming.

4385 **Lilac**
4387 **Apple Blossom**
4392 **Red**
4394 **Mixed**

Each, pkt. 25 cts., 3 pkts. for 70 cts.

Half-Hardy Primroses

Useful for rockeries and borders as well as for pot culture. Although hardy on well-drained soil, it is best to give them some protection over winter.

4360 **Japonica.** Grows to perfection on deep, moist soil and in shady locations, blooming profusely in early summer. In many delicate colors. 1½ feet. Pkt. 25c.

4345 **Vulgaris (acaulis).** This is the pale yellow, sweet-scented English Primrose; flowers in early spring. 6 inches. Pkt. 25 cts.

4347 **Auricula.** Vigorous growers and early bloomers, with flowers in a wonderful range of colors, each marked with a distinct eye. 1 foot. Pkt. 25 cts.

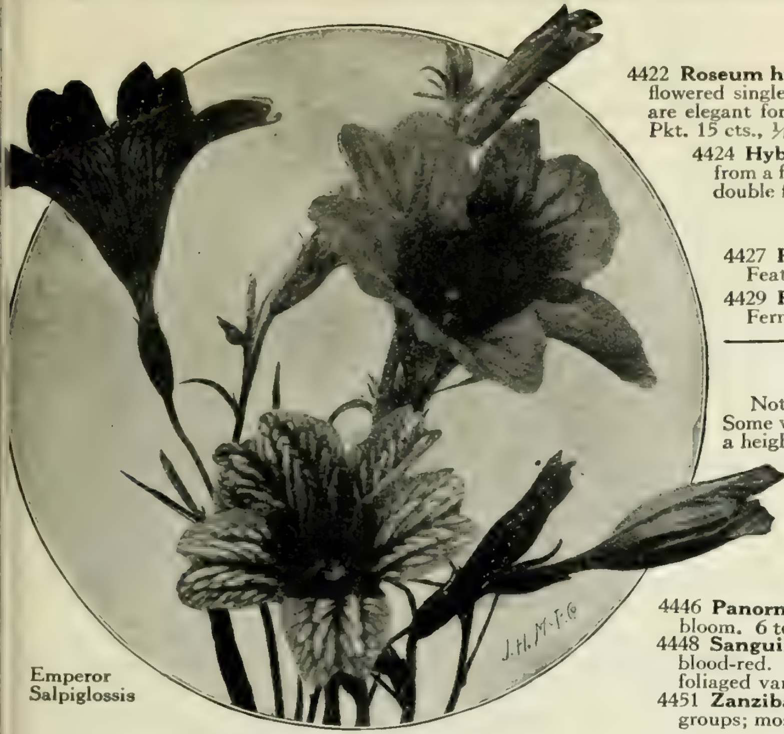
Elatior (Polyanthus Primrose). Attractive early spring-flowering varieties, either for the house or outdoor culture. 8 inches.

4350 **White.**
4352 **Yellow.**
4354 **Crimson.**
4357 **Mixed.**

Each, pkt. 25 cts.

4359 **Veris** (Cowslip). Fragrant, bright yellow flowers. 6 to 8 inches. Pkt. 25 cts.

Primula obconica



Emperor Salpiglossis

Pyrethrum HP

4422 **Roseum hybridum grandiflorum.** Daisy-like flowers. New giant-flowered single varieties, ranging from light pink to carmine-red. They are elegant for cutting and plants are perfectly hardy. Mixed. 2 feet. Pkt. 15 cts., ⅛oz. 45 cts.

4424 **Hybridum flore-pleno.** Finest double hybrids. Seed saved from a famous collection. Only a portion of the plants will produce double flowers the first season. Pkt. 35 cts., 3 pkts. for $1.00.

FOLIAGE or BEDDING PYRETHRUMS TP

4427 **Parthenifolium aureum.** The well-known Golden Feather. Valuable for bedding. 6 inches. Pkt. 10 cts., ¼oz. 25 cts.

4429 **Parthenifolium aureum selaginoides.** The beautiful Fern-leaved Golden Feather. 5 inches. Pkt. 10c., ¼oz. 35c.

Ricinus (CASTOR-OIL PLANT) HHA

Nothing we offer surpasses these in subtropical effectiveness. Some will very easily reach a diameter of 10 to 12 feet, and others a height of 15 feet or more, according to treatment. For quickest results start seeds in pots.

4440 **Borboniensis arboreus.** Imposing tree-like variety with giant leaves. 15 feet. Pkt. 10 cts., oz. 30 cts.

4442 **Cambodgensis.** Beautiful, dark foliage; stems almost black. 5 to 8 feet. Pkt. 10 cts., oz. 25 cts.

4444 **Gibsonii.** Dark purple leaves and stems; of dwarf habit. 4 feet. Pkt. 10 cts., oz. 25 cts.

4446 **Panormitans.** Immense leaves, bronzy green with a plumlike bloom. 6 to 7 feet. Pkt. 10 cts., oz. 25 cts.

4448 **Sanguineus.** A very ornamental variety. Stalk and fruit vessels blood-red. Very good for contrast when planted with the green foliaged varieties. 8 feet. Pkt. 10 cts., oz. 30 cts.

4451 **Zanzibarensis, Mixed.** Fine varieties for specimen plants or groups; mostly green-leaved. Rapid growing. Pkt. 10 cts., oz. 25 cts.

Salpiglossis (PAINTED TONGUE) HA

A gorgeous display is given by these plants during the hot days and drought of July and August. Their coloring is wonderfully rich, and the funnel-shaped flowers are marvelously painted and penciled, having the appearance of numerous overlapping petals. A most satisfactory plant for dry situations. 2½ to 3 feet.

Emperor Strain. An improved form, of columnar growth.

4461 **White and Gold**
4462 **Light Yellow**
4463 **Brown and Gold**
4464 **Rose and Gold**
4465 **Scarlet and Gold**
4467 **Crimson**
4468 **Light Blue and Gold**
4469 **Purple and Gold**
4470 **Velvety Violet**
4472 **All Colors Mixed**

Each, pkt. 10 cts., ¼oz. 45 cts., oz. $1.50

Salvia (FLOWERING SAGE)

SPLENDENS VARIETIES. HHA. These are the popular Scarlet Sages. The seed should be started indoors in February or March.

4478 **Splendens.** The type variety. Bright red. 2 feet. Pkt. 10 cts., ⅛oz. 50 cts.

4480 **America,** or **Globe of Fire.** The freest and most continuous bloomer of all the Scarlet Sages; also the most uniform in habit of growth, which makes it particularly valuable for bedding or planting in lines. 1½ feet. Pkt. 20 cts., ⅛oz. 85 cts.

4481 **Harbinger.** Plants dwarf and compact in habit. The strong, dark foliage forms an effective foil to the vivid hue of the flowers. Pkt. 50 cts., $1.25 for three pkts.

4482 **Bonfire.** Very compact in growth, with erect spikes; brightest scarlet. 2 feet. Pkt. 15 cts., ⅛oz. 75 cts.

4487 **Ostrich Plume.** Scarlet flowers in plumes instead of spikes. Very attractive. Pkt. 25 cts., ⅛oz. $1.25.

4489 **Scarlet Dragoon.** Flowers nearly twice the size of other varieties. Deep scarlet. Plants 3 feet high and 3 feet in diameter. Pkt. 15 cts., ⅛oz. 75 cts.

4491 **Zurich,** or **Lord Fauntleroy.** Dwarf, early and free-flowering; a splendid strain. 1½ feet. Pkt. 15 cts., ⅛oz. 75 cts.

4493 **Purple.** Comes true—no red. Pkt. 25 cts., ⅛oz. $1.25.

4495 **SALVIA farinacea. HP.** Long spikes of light blue flowers from July until frost. Will bloom the first season from seed. 2 feet. Pkt. 10 cts., ⅛oz. 50 cts.

4499 **SALVIA patens. HP.** Rich and lovely azure-blue. 3 feet. Pkt. 25 cts.

4503 **SANVITALIA procumbens. HA.** One of the best annuals for low borders, preferring a light soil and sunny situation. A mass of bloom from midsummer to late fall. Small flowers, bright yellow with purple disc. Pkt. 10 cts., ¼oz. 35 cts.

Schizanthus (BUTTERFLY FLOWER) TA

A plant of rare beauty and elegance; ideal for pots or cutting. Buds will open in water and the sprays last for a week. The best plants are grown from fall-sown seed. Make succession plantings, using ordinary soil and giving same treatment as for Cineraria.

4534 **Excelsior.** Mammoth flowers with attractive markings on white, rose, or buff. Fine for greenhouse culture. Pkt. 50 cts.

4536 **Monarch.** The finest large-flowering strain in existence, with a wide range of marvelous colors—from almost pure white through delicate shades of pink to bright rose and crimson, exquisite mauve and lavender tints, and many beautifully blotched and penciled with darker shades, including bronze and chocolate. Pkt. 50 cts.

4539 **Large-flowered Hybrids.** Dainty flowers in a good variety of colors; easy to grow. Pkt. 15 cts.

Salvia, or Scarlet Sage

Scabiosa or Pincushion Flower

Scabiosa (MOURNING BRIDE; PINCUSHION FLOWER) HA

Extremely free-flowering plants, splendid for beds and borders, and producing very attractive cut-flowers. Sometimes grown for winter bloom.

TALL, LARGE-FLOWERING, DOUBLE VARIETIES. Constant and free bloomers, the plants being masses of color throughout the summer months. 3 feet.

4510 **White**
4512 **Azure Fairy**
4522 **All Colors Mixed**
4514 **Black King**
4516 **Rose**
4518 **Cherry-Red**
4520 **Crimson**

Each, pkt. 10 cts., ¼oz. 30 cts., oz. $1.00

4525 **Large-flowered, Double, Dwarf Mixed.** Very nice for beds. Many colors. 1 foot tall. Pkt. 10 cts., ¼oz. 25 cts., oz. 80 cts.

4527 **SCABIOSA caucasica. HP.** Flowers light azure-blue, on long stems. Blooms the first season from early-sown seed. 3 feet. Pkt. 15 cts.

4529 **SCABIOSA japonica. HP.** Bushy plants with lavender flowers; fine for cutting; early blooming. 2 feet. Pkt. 10 cts., ¼oz. 35 cts.

4543 **SHAMROCK. HHP.** True, imported seed. Pkt. 10 cts.

Silene (CATCHFLY PLANT)

4550 **Orientalis. HP.** A robust border plant, with many heads of bright rose flowers, having a clove-like odor; nice for cutting. 2½ feet. Pkt. 10 cts., ½oz. 35c.

Pendula compacta. HA. Bushy plants, about 6 inches high, with many branches and long racemes of very pretty flowers. They bloom in midsummer from spring-sown seed, but may be had in flower early in the spring if the seed is sown in the fall. Nice for low borders.

4552 **White**
4554 **Peach Blossom**
4556 **Rosy Red**
4558 **Mixed**

Each, pkt. 10 cts., oz. 40 cts.

4559 **Schafta. HP.** A much-branched, trailing variety, with showy, rosy purple flowers. Pkt. 15 cts., ⅛oz. 60 cts.

4565 **SMILAX (Myrsiphyllum). TP.** This popular decorative vine of the florists is readily grown from seed, and will attain a height of 6 to 12 feet. Should have a rich soil. Most suitable for conservatory. Pkt. 10 cts., ¼oz. 20 cts., oz. 60 cts.

4571 **SOLANUM capsicastrum nanum** (Jerusalem Cherry). **TA.** Handsome plants with an abundance of ornamental scarlet berries. 1 foot. Pkt. 10 cts., ¼oz. 40 cts.

4578 **STATICE incana. HP.** A beautiful variety of Sea Lavender. Pretty clusters of little, reddish flowers on erect stems above attractive, trailing foliage. Fine for cutting and for the rock garden. 1½ feet. Pkt. 10 cts., ¼oz. 65 cts.

4580 **sinuata, White (candidissima)**
4582 **sinuata rosea superba**
4584 **sinuata, True Blue**

Each, pkt. 10 cts., ¼oz. 65 cts.

4650 **STOKESIA cyanea** (Cornflower Aster). **HP.** A charming plant for the hardy border; also fine for cutting. It is perfectly hardy, grows to a height of 2 feet, and produces an abundance of beautiful flowers from midsummer until frost. Mixture of white, purple and shades of blue. Pkt. 10 cts., ¼oz. 50 cts.

Stocks (GILLIFLOWER) HHA

The Stocks are old-world favorites, useful for bedding, pot-plants and cutting. They are generally satisfactory but do best on a medium-light soil, with plenty of moisture and some shade in hot weather. The seed may be sown under glass in March or outside in late April or May; indoor planting will, of course, provide earlier flowers. Under favorable conditions Stocks will bloom from midsummer until frost. Our strains are carefully selected; 60 to 75 per cent of the plants will produce double flowers; all are very fragrant.

LARGE-FLOWERING DWARF TEN-WEEKS STOCKS. Particularly suited for beds and borders. Plants pyramidal in growth, about 10 inches high, very free-flowering, producing an unusually high percentage of doubles.

4590 **White**
4592 **Canary-Yellow**
4593 **Peach Blossom**
4594 **Bright Pink**
4595 **Brilliant Rose**
4597 **Blood-Red**
4599 **Crimson**
4600 **Chestnut**
4603 **Light Blue**
4606 **Purple**
4610 **Mixed**

Each, pkt. 15 cts., ⅛oz. 60 cts., ¼oz. $1.10, oz. $4.00

CUT-AND-COME-AGAIN STOCKS. Excellent for cutting, producing an abundance of big, fragrant trusses. Very fine for outdoor planting. 1½ feet.

4612 **Princess Alice.** Pure white; a favorite.
4614 **Yellow**
4615 **Pale Blush**
4619 **Blood-Red**
4617 **Rose**
4623 **Lilac**
4625 **Dark Blue**
4630 **Mixed**

Each, pkt. 15 cts., ⅛oz. 60 cts., ¼oz. $1.10, oz. $4.00

GIANT WINTER-FLOWERING, or NICE STOCKS. Splendid for greenhouse or pot culture, producing their large, fragrant blossoms even more abundantly indoors than in the garden. For the finest winter flowers, sow in May, prune plants and transfer into large pots in September. 2½ to 3 feet.

4632 **Mont Blanc.** Snowy white.
4633 **Monte Carlo.** Clear canary-yellow.
4634 **Almond Blossom.** White, suffused carmine.
4636 **Beauty of Nice.** Shell-pink.
4638 **Abundance.** Carmine-rose.
4639 **Souv. de Monaco.** Crimson.
4641 **Queen Alexandra.** Clear rosy lilac.
4643 **Cote d'Azure.** Light violet-blue.
4645 **Summer Night.** Deep violet.

Each, pkt. 15 cts., ⅛oz. 75 cts., ¼oz. $1.35, oz. $5.00

Large-flowering Dwarf Ten-Weeks Stocks

Beckert's Superb Spencer or Orchid-Flowered Sweet Peas HA

SEE PAGE 40 FOR NOVELTIES

Spencer Sweet Peas

BLUE

4809 **Mrs. Tom Jones.** Bright delphinium-blue. The newest and best light blue. Pkt. 10 cts., oz. 50 cts.
4810 **Wedgwood.** Lovely, light blue, of exquisite form; free-blooming. Pkt. 10 cts., oz. 35 cts.
4818 **Commander Godsall.** A new deep navy-blue of immense size. Pkt. 15 cts., oz. 75 cts.

MAUVE and PURPLE

4822 **Helio.** Rosy lavender with a bronze suffusion. A striking novelty. Pkt. 15 cts., 3 pkts. for 40 cts.
4825 **Royal Purple.** Rich rosy purple; flowers of immense size. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.

MAROON

4830 **Hawlmark Maroon.** A strong grower with large flowers the color of polished mahogany. Pkt. 10 cts., oz. 50 cts.
4832 **Warrior.** Large reddish maroon, with a bronzy tint. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.

Special Offer. Any six ten-cent packets, your selection, for 50 cts., postpaid.

It has been only a few years since the first of the Spencer Sweet Peas was introduced to American gardeners, but they have in that short time so completely overshadowed the old-fashioned or Grandiflora varieties that the latter are almost forgotten. The flowers of the Spencer or Orchid-Flowered type are of extraordinary size, with beautifully waved standards and wide-spreading wings, round and open, often measuring 2 inches or more across. A large percentage bear four of these immense blossoms to the stem, and the stems are long and strong, making them of exceptional value for cutting. Moreover, Spencer Sweet Peas are just as easy to grow as the old-fashioned varieties.

In exquisite form and range of elegant colors, there are no flowers to compare with Sweet Peas. New and more beautiful varieties are being constantly introduced. We offer the cream of the Spencer sorts that have been tested and found to be of true merit and distinct in color; every color and shade is represented in the list below.

PAMPHLET ON SWEET PEA CULTURE, FREE

WHITE

4705 **King White.** Pure, glistening white; gigantic in size and perfect in form. The best white to date. White-seeded. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.
4708 **Constance Hinton.** A mammoth, black-seeded white; sometimes tinged with blush at the base of the petals. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.

CREAM or PRIMROSE

4712 **Dobbie's Cream.** Clear, deep cream; perfect form. Pkt. 10 cts., oz. 40 cts.

BLUSH-PINK

4714 **Elegance.** One of the newest. Flowers of immense size; dainty lilac-pink on white ground. Pkt. 10 cts., oz. 50 cts.
4716 **Elfrida Pearson.** Lovely soft pink throughout; flowers of large size and exquisite form. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.

CREAM-PINK

4724 **New Miriam Beaver.** One of the daintiest shades in Sweet Peas. Soft hydrangea-pink, tinted salmon. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.
4726 **Picture.** A recent English introduction. Salmon-pink; large and of elegant form. Pkt. 10 cts., oz. 50 cts.
4728 **Margaret Atlee.** Rich, glowing pink on cream ground, suffused with salmon on standard and wings. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.

DEEP PINK

4737 **Countess Spencer.** The original Spencer variety; lovely clear pink. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.
4739 **Hercules.** Soft rose-pink; extraordinary size and substance. An improvement on Countess Spencer. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.
4740 **Hawlmark Pink.** A sensational novelty. Bright pink with a suggestion of salmon. Extra large. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.60.

ROSE and CARMINE

4743 **Rosabelle.** Deep rose with a white blotch at the base of standard and wings. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.
4745 **George Herbert.** Magnificent, rich rosy carmine self. Extra large. Pkt. 10c., oz. 35 cts., ¼lb. $1.10.

SALMON and CERISE

4752 **Barbara.** Rich salmon self, of finest form. Pkt. 10 cts., oz. 40 cts.
4756 **Illuminator.** Glowing cerise-salmon, suffused with orange. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.

ORANGE

4762 **Tangerine, Improved.** This is the last word in orange Sweet Peas. Large, beautifully formed flowers. Pkt. 10 cts., oz. 50 cts.
4764 **Robert Sydenham.** Deep glowing orange. Pkt. 10 cts., oz. 40 cts.
4769 **Helen Lewis.** Orange-rose wings; standard crimson-orange. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.

ORANGE-SCARLET

4772 **Defiance.** Pure flaming orange-scarlet. Pkt. 15 cts., oz. 70 cts.
4774 **Fiery Cross.** Fire-red or rich orange-scarlet, without any shading. A famous variety; one of the brightest in existence. Pkt. 10 cts., oz. 40 cts., ¼lb. $1.20.
4776 **Royal Scot.** Pkt. 10 cts., oz. 50 cts.
4778 **The President.** Brilliant orange-scarlet; largest size. Pkt. 10 cts., oz. 40 cts., ¼lb. $1.20.

SCARLET and CRIMSON

4783 **Vermilion Brilliant.** Intense pure scarlet. Pkt. 10 cts., oz. 35 cts.
4789 **King Edward Spencer.** Bright crimson-scarlet; flowers of the largest size and finest form. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.
4791 **Crimson King.** Rich deep crimson. Pkt. 15 cts., oz. 70 cts.
4792 **Dobbie's Sunproof Crimson.** A bright, lasting color; requires no shading from the sun. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.

LAVENDER

4808 **Hawlmark Lavender.** New. Pure true lavender of immense size. Pkt. 25c.
4802 **R. F. Felton.** A very fine clear, deep lavender. Pkt. 10 cts., oz. 40 cts.
4804 **Austin Frederick Improved.** Giant lavender. Pkt. 10 cts., oz. 40 cts.
4806 **Asta Ohn.** Lavender with a mauve suffusion. Pkt. 10 cts., oz. 35 cts.

SPENCER or ORCHID-FLOWERED SWEET PEAS, continued

FANCY or ART SHADES

4841 **Irish Belle.** Pastel lilac, with a blush-pink suffusion. Pkt. 10 cts., oz. 35 cts.

4846 **Afterglow.** A remarkable combination of pastel colors. Standard rosy amethyst; wings electric blue. Charming. Pkt. 10 cts., oz. 40 cts., ¼lb. $1.25.

4848 **Brocade.** An unusual but exceedingly attractive combination of lavender, rose, and salmon-pink with satiny sheen. Pkt. 15 cts., oz. 50 cts.

PICOTEE

4853 **Jean Ireland.** Rich cream with a dainty picotee edge of bright rose-pink. An exceedingly attractive variety. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.

4859 **Blue Picotee.** Large flower; white distinctly margined with a narrow edge of violet-blue. Pkt. 10 cts., oz. 40 cts., ¼lb. $1.20.

BICOLOR

4865 **Apple Blossom.** Standard cream, flushed pink; wings deep rose. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.

4868 **Mrs. Cuthbertson.** Standard rose-pink; wings blush-white; very pretty for bunching. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.

4870 **Blanche Ferry Spencer.** Standard bright carmine-rose; wings pure white. An old favorite. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.

STRIPED and FLAKED

4876 **Empress Eugenie.** Gray, flaked with violet. Pkt. 10 cts., oz. 40 cts., ¼lb. $1.25.

4878 **Phyllis.** Striped and flaked with bright orange on white ground. One of the newest, best and brightest striped Sweet Peas. Pkt. 10 cts., oz. 50 cts.

4882 **Helen Pierce Spencer.** White, marbled blue. Known also as the "Gloxinia-flowered" Sweet Pea. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.10.

4895 **BECKERT'S SUPERB MIXTURE OF SPENCER SWEET PEAS.** This special mixture is made up of only the finest named varieties of true Spencer-type Sweet Peas. It comprises all colors in the proper proportions, affording an almost endless variety of flowers for every purpose. It will surely delight all who do not have the space to make plantings of separate, named sorts. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.50.

(NOTE.—We prepay postage on Sweet Peas by the packet and ounce; if wanted in larger quantities, add postage at your zone rate.)

Early or Winter-flowering Spencer Sweet Peas

A comparatively new development in Sweet Peas. The Winter-flowering Spencers are now grown almost exclusively for winter bloom and are in great demand by florists. They are equally desirable however, for outdoor planting as they come into bloom two to three weeks ahead of the standard Spencer varieties and, if kept cut, will continue to bloom nearly as long.

	Pkt.	½oz.	Oz.
4904 **Snowflake.** Pure white. White-seeded	$0 10	$0 45	$0 80
4909 **Mrs. Spanolin.** Black-seeded white	10	40	75
4915 **Songbird.** Dainty blush-pink	10	35	65
4918 **Spring Maid.** Rose-pink on cream	10	35	65
4923 **Mrs. A. A. Skaach.** Lively shell-pink	10	45	80
4926 **Melody.** Light rose-pink	10	35	65
4932 **Rose Queen.** Glorious, deep rose-pink	10	40	75
4935 **Rose Charm.** Bright carmine-rose	15	60	1 00
4936 **Zvolanek's Rose.** Rich rose	15	60	1 00
4949 **Mrs. Kerr.** The best rich salmon	25	1 10	2 00
4954 **Morning Star.** Standard orange; wings rosy	10	40	75
4958 **Illumination.** Glowing salmon-cerise	10	45	80
4961 **Fire King.** Dazzling cerise-scarlet	10	45	80
4968 **Aviator.** The best crimson-red	10	45	80
4973 **Lavender King.** Clear, deep lavender	10	45	80
4977 **Blue Bird.** The finest pure mid-blue	10	45	80
4979 **Heatherbell.** Rich mauve; extra-large	10	40	75
4984 **Yarrawa.** Deep rose and cream	10	35	65
4986 **Columbia.** The best "pink and white"	10	40	75

4995 **Finest Mixed.** Pkt. 10 cts., oz. 40 cts., ¼lb. $1.25, lb. $4.50.

Grandiflora Sweet Peas

For the convenience of those who still prefer to plant the old-fashioned Grandiflora Sweet Peas, we offer the following.

4999 **Beckert's Fine Mixed Grandiflora Sweet Peas.** Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. $1.50.

5005 **SWEET ROCKET** (*Hesperis matronalis*). **HP.** Erect-growing, 2 feet tall, with clusters of sweet-scented flowers. Nice for the borders and for cutting, thriving in poor soil. White and deep lavender. Pkt. 10 cts., ¼oz. 20 cts.

5032 **THE NEW ANNUAL SWEET WILLIAM. HA.** The result of a cross between *Dianthus barbatus* and *D. chinensis*, it resembles Sweet William but it is a true annual, blooming in midsummer from seed sown early in May. Pkt. 10 cts., ¼oz. 50 cts.

Sweet William, Holborn Glory

Sweet William (DIANTHUS BARBATUS) HB

These favorite "old-fashioned garden" flowers are too well known to need any description. The seed is usually sown in July or August and the seedling plants transplanted in September to the beds or borders where they are to bloom the following season. It may also be sown in early spring, in which case the plants will not come into full bloom until the second season. Sweet William does best in a fairly rich soil and in a sunny location.

5011 **Holborn Glory.** Large, handsome, single flowers with distinct white eyes and white edges. Pkt. 10 cts., ¼oz. 30 cts., oz. 85 cts.

5013 **Single White.** Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

5015 **Pink Beauty.** Single; deep pink; very fine. Pkt. 15 cts., ¼oz. 40 cts., oz. $1.40.

5019 **Scarlet Beauty.** Single; the entire flower intense scarlet. Pkt 15 cts., ¼oz. 50 cts., oz. $1.75.

5021 **Single Crimson.** Pkt. 10 cts., ¼oz. 25 cts., oz. 75 cts.

5023 **Single Mixed.** All colors in finest mixture. Pkt. 10 cts., oz. 45 cts., ¼lb. $1.50.

5026 **Double Pink Beauty.** A beautiful, new, double-flowering, deep salmon-pink variety. Pkt. 20 cts., ¼oz. $1.00.

5029 **Finest Double Mixed.** Many showy colors. Pkt. 10 cts., ¼oz. 35 cts., oz. $1.10.

Verbena HA

Few flowers give greater satisfaction in the small home garden than the Verbenas of the *hybrida* group. They produce their large, fragrant clusters of blossoms constantly from midsummer until killing frost, in all kinds of weather and on even the poorest soils. They make fine window-box plants and are splendid for low beds and borders. Sow the seed in May after the soil has warmed up and the weather is settled, and when the seedlings are well grown thin them out to stand 15 to 18 inches apart in the rows. The seed-bed should be raked over thoroughly before sowing and the seed barely covered with earth. The new mammoth-flowering Verbenas are much superior to the types formerly offered, producing florets of gigantic size.

5063 **Mammoth Pink Shades** 5065 **Mammoth Blue Shades**
5066 **Mammoth Purple Shades** 5067 **Mammoth Scarlet Defiance**
5069 **Mammoth White** 5070 **Mammoth Mixed**

Each, pkt. 15 cts., ¼oz. 60 cts., oz. $2.25

5074 **Lucifer.** A new variety. The entire flower is intense, brilliant scarlet, showing up like flame against the deep green foliage. Pkt. 15 cts.

5076 **Mayflower.** An unusually fragrant strain of Verbenas, with large florets, mostly in shades of pink and rose. Pkt. 20 cts.

5078 **Auricula-flowered.** Large florets of many colors, each marked with a distinct white eye. Pkt. 10 cts.

5079 **Italian Striped.** Florets striped with fine, radiating lines. Pkt. 10c.

5083 **VERBENA erinoides** (Moss Verbena). **HA.** Very desirable for rockeries. Beautiful, finely cut, moss-like foliage and dainty little flowers, varying in color from pale lilac to deep purple. Pkt. 10 cts., ¼oz. 35 cts.

5087 **V. venosa. TP.** Bushy plants 1 foot high; flowers in graceful panicles; sky-blue to purple. Excellent for edging. Pkt. 10 cts., ¼oz. 50 cts.

For New Hybrida Grandiflora Verbena, see page 40.

Viola cornuta (TUFTED PANSY) HP

Splendid for bedding in damp, shady spots. They are perfectly hardy, although it is advisable to give them a light covering of dead leaves over winter. The seed may be sown in August or early May. They bloom from early spring to fall and bear very bright and attractive flowers.

5117 **Admiration.** Darkest blue. 5119 **Blue Perfection.** Azure.
5123 **Lutea splendens.** Golden. 5127 **White Perfection.** White.
5129 **Finest Mixed.** All colors from yellow to scarlet and from delicate rose to purple, many blotched or margined with distinct shades.

Each, pkt. 15 cts., ⅛oz. 85 cts.

5135 **VIOLA odorata** (Sweet-scented Violet). **HP.** Large, violet-blue flowers; very fragrant. Pkt. 20 cts., ⅛oz. $1.00.

5044 **THUNBERGIA alata** (Black-eyed Susan). **HHA.** A slender trailing annual which will grow in the poorest soil and bloom under the most trying conditions. Flowers produced in the greatest profusion; white, cream and sulphur-yellow, many with black centers. Excellent for porch baskets and window boxes. Pkt. 10 cts., ¼oz. 40 cts.

Fragrant Mayflower Verbenas

VISCARIA. HA. Closely related to "Ragged-Robin" and the old-fashioned "Catchfly," the large-flowered dwarf hybrid Viscarias are easily grown under even unfavorable conditions. Exceedingly free-blooming. 12 inches.

5137 **Innocence.** Pure white. 5138 **Loyalty.** Lavender-blue.

Each, pkt. 20 cts., 3 pkts. for 50 cts.

5048 **TORENIA Fournieri grandiflora. HA.** Fine for borders and porch-boxes. Covered with flowers, light and dark blue with yellow lip, from early spring until frost. Thrives in moist spots but not in shade. 6 inches. Pkt. 15 cts.

Vinca, or Periwinkle

5092 **VERONICA spicata.** An elegant hardy border plant, growing about 1½ feet high, producing long spikes of bright blue flowers in June and July. Pkt. 10 cts., ¼oz. 70 cts

Vinca rosea (PERIWINKLE) TA

The Vincas are favorites for bedding, as they do well in partly shaded as well as sunny locations, and do not require a rich soil. The plants are very handsome, about 1 foot high with glossy dark green foliage and charming star-shaped flowers which will last in water for a week if cut when the buds are beginning to open. Start the seed indoors in January or February and set the plants outdoors in April, about 1 foot apart each way; they will bloom from the time the plants are set out until fall. Or the seed may be sown directly in the open soil in late April. The Vincas make fine window-box plants. Give them a medium light soil if possible and an occasional heavy watering.

5101 **White** 5102 **White with Rose Eye**
5103 **Rose** 5106 **Three Colors Mixed**

Each, pkt. 10 cts., ¼oz. 30 cts., oz. $1.00

5104 **Delicate Carmine.** Purplish carmine, lighter at the margins. Pkt. 15 cts.

Wallflower (CHEIRANTHUS) HHP

Long spikes, closely set with sweet-scented flowers which range in color from yellow to brown, some tinged with red and purple. They bloom in early spring from seed sown the previous summer and are best treated as biennials since they often flower so profusely the second season as to exhaust themselves. The Wallflowers thrive best in cool, moist locations.

5145 **Dwarf Double Branching.** A splendid mixture of low-growing sorts, producing fine large spikes in the greatest abundance. Fine for borders and pots. Pkt. 25 cts.

5142 **Kewensis.** A hybrid form, valuable for winter blooming in the greenhouse, where it will flower in four to five months after sowing. Delightfully fragrant flowers, brownish yellow passing to orange-brown and violet. Pkt. 15 cts.

5146 **Earliest Paris.** Blooms the first season from spring-sown seed and may be treated as an annual. Shades of brown. Pkt. 10 cts., ¼oz. 25 cts.

5148 **Annual Single Mixed.** The earliest blooming, single-flowered varieties. Pkt. 10 cts., ¼oz. 25 cts.

BECKERT'S IMPROVED ZINNIAS

(YOUTH AND OLD AGE) **HA**

Such rapid strides have been made in the development and improvement of this useful class of annual flowers that the modern Zinnias would hardly be recognized by the gardeners of a generation or two ago. The old-fashioned Zinnias were stiff and prim and their colors were dull and raw, but the Zinnias of today are elegant in form and rival even the tulips in brilliancy and variety of color. Certain it is that few of our common flowers produce such a gorgeous display over as long a period with only a minimum of care. The new Picotee and Dahlia-flowered types well deserve the attention of those gardeners who have the space and the inclination to try something new and keep ahead of their neighbors. The Dahlia-flowered Zinnias are particularly noteworthy and we recommend them highly to florists as well as private growers who want the "last word" in Zinnias. In addition to these distinct new types, we have added several new and attractive colors in the standard classes.

The seed may be started in boxes indoors during March or sown directly in the open ground early in May. Transplanting, if necessary, should be done while the plants are still quite young, preferably when they are only about 4 or 5 inches high. They will grow almost anywhere except in shade, but they do best in a fairly rich, medium heavy soil and appreciate an occasional watering in dry weather. In thinning or transplanting leave the young plants plenty of room in which to develop; the large-flowering varieties should stand at least 1½ feet apart.

BECKERT'S DOUBLE GIANT ZINNIAS

The Double Giants grow to a height of 3 feet and bear enormous, double flowers which often attain a diameter of 4½ to 5 inches. Although tall and erect in growth, they are sturdy and well rooted and require no support. From seed sown in early spring they commence to bloom in July and continue until October. *Shrimp-pink* and *Rose* are two of the most attractive new colors.

5201 **Cream**
5203 **Canary-Yellow**
5204 **Buttercup**
5206 **Orange**
5207 **Burnt Orange**
5210 **White**
5211 **Apricot-Buff**
5214 **Buff**
5215 **Salmon**
5216 **Blush-Pink**
5217 **Shrimp-Pink**
5218 **Rose**
5221 **Scarlet**
5222 **Crimson**
5224 **Lavender**
5225 **Purple**
5227 **Violet**
5230 **All Colors Mixed**

Any of the above, pkt. 10 cts., ¼oz. 35 cts., oz. $1.10

MAMMOTH DAHLIA-FLOWERED ZINNIAS

In Beautiful New Colors

Besides producing by far the largest flowers of all the Zinnias, the Dahlia-flowered varieties are distinguished by being nearly as deep in the center as they are wide, with smaller individual petals than the ordinary varieties, but many more of them. Moreover, their colors are softer and more pleasing, being characterized by blended shades and pastel effects which, with the slightly reflexed and closely overlapping petals, give the whole flower the appearance of a fine satin cushion. The plants are tall and vigorous, producing a wealth of immense blooms from July until frost.

We can now offer 13 distinct colors as well as a mixture as follows:

5252 **Lemon Beauty.** Golden yellow on brown.
5253 **Canary Bird.** Clear primrose-yellow, retaining its pure color to the very last.
5256 **Oriole.** Immense gold and orange bicolor. Perhaps the most beautiful in the entire group.
5257 **Golden State.** Deep yellow in the bud turning to clear rich orange in full bloom.
5259 **Polar Bear.** Pure white; of mammoth size.
5260 **Sunrise.** A unique and very attractive blend of buff and apricot shades.
5261 **Illumination.** Similar to Exquisite, but a striking self color of deep rose.
5262 **Exquisite.** The most pleasing color in Zinnias. Light rose-pink shading to deep rose in the center.
5263 **Old-Rose.** Real old-rose shade; very large.
5264 **Flame.** A striking blend of scarlet and orange which seems to shine like burnished copper.
5265 **Monarch.** Deep glowing red; enormous flowers, often 8 inches in diameter.
5267 **Dream.** Lavender, deepening to mallow-purple in full bloom. An extraordinary color in Zinnias.
5268 **Purple Prince.** A fine deep purple.
5270 **Mixed.** Dahlia-flowered type, but does not include the improved varieties offered above. Pkt. 15 cts., ¼oz. 75 cts., oz. $2.00.

Each, pkt. 25 cts., 3 pkts. for 70 cts., 6 pkts. $1.35

Beckert's Double Giant Zinnia.
A typical flower

5299 THE VICTORY QUILLED ZINNIAS

In this novel type the petals are rolled in or quilled, with only the tips expanded, and radiate from the center of the flower like in a fine-petaled cactus dahlia. The backs of the petals are always a different color from the front. In many harmonious combinations of typical Zinnia colors. Pkt. 15 cts., ¼oz. 70 cts., oz. $2.50.

UNIQUE PICOTEE ZINNIAS

Similar in size and habit to the Double Giants, these new Zinnias are characterized by their unique color pattern. The flowers come in a great variety of soft shades with each petal distinctly tipped with darker color. The result is most effective.

5274 **Golden Pheasant.** The ground color is deep golden yellow, each petal being tipped with reddish maroon.
5276 **La France Pink.** Soft pink, edged with deep chocolate.

Each, pkt. 20 cts., ¼oz. $1.00

5285 **Picotee Mixed.** Containing the above and other color combinations. Pkt. 15 cts., ¼oz. 70 cts., oz. $2.50.

LARGE-FLOWERED DWARF ZINNIAS

These Zinnias bear flowers nearly as large as the Double Giants but grow only about 15 inches high and make large, compact, bushy plants. They are ideal for low beds or borders.

5234 **Canary-Yellow**
5236 **Golden Yellow**
5239 **White**
5243 **Salmon-Rose**
5246 **Scarlet**
5250 **All Colors Mixed**

Each, pkt. 10 cts., ¼oz. 30 cts., oz. $1.00

5312 **CURLED AND CRESTED.** With curiously twisted and curled petals. The flowers are not quite as large as the Double Giants but come in particularly brilliant colors. The plants are quite tall, bushy, and bear a profusion of blooms. A splendid bedder and excellent for cutting. Pkt. 10 cts., ¼oz. 40 cts., oz. $1.25.

5323 **POMPON.** Dainty, little pompon-shaped flowers borne in the greatest profusion on tall, bushy plants. Many bright colors, mixed. Pkt. 10 cts., ¼oz. 40 cts., oz. $1.25.

5327 **DWARF LILLIPUT, RED RIDING-HOOD.** Bright red, very double and symmetrical little flowers, about 2 inches in diameter, on dwarf, compact plants. The most popular variety for cutting. Pkt. 10 cts., ¼oz. 35 cts., oz. $1.15.

5330 **DWARF LILLIPUTS MIXED.** Yellow, red, white, and other bright colors. Pkt. 10 cts., ¼oz. 30 cts., oz. $1.00.

5328 **HAAGEANA, MEXICAN HYBRIDS.** Double; mixed colors; fine. Each, pkt. 25 cts.

CANNAS THE BEST LARGE-FLOWERING SORTS

For grouping on lawns, and for large, massive beds, no plants are more effective. They are not particular as to soil, although they do best in a sunny, well-drained situation. Plant the roots any time after all danger from frost is past. The improved, large-flowering sorts bloom from early summer until fall. Mailing weight, 6 ounces each.

Red Flowers • Green Foliage

The President. Undoubtedly the finest of all red Cannas. A strong, healthy grower, with luxuriant green foliage, and gigantic trusses of clear, brilliant scarlet florets, carried well above the leaves. It is a profuse bloomer throughout the entire season. 4 feet tall. 10 cts. each, 70 cts. per doz., $5.25 per 100.

Meteor. Mammoth clusters of dazzling crimson. 4½ feet. 10 cts. each, 70 cts. per doz., $5.25 per 100.

Alphonse Bouvier. Deep, velvety crimson. 4½ feet. 5 cts. each, 45 cts. per doz., $3.40 per 100.

Express. A fine dwarf variety. Bright crimson-scarlet. 2½ feet. 5 cts. each, 45 cts. per doz., $3.40 per 100.

Louisiana. An orchid-flowering variety. Vivid scarlet; long silky trusses. An attractive and popular sort. 6 feet. 5 cts. each, 45 cts. per doz., $3.40 per 100.

Yellow • Green Foliage

Buttercup. The best dwarf yellow. Pure buttercup-yellow; good foliage. 3 feet. 5 cts. each, 45 cts. per doz., $3.40 per 100.

Florence Vaughan. Rich yellow, thickly dotted crimson. Showy and popular. 4 feet. 5 cts. each, 45 cts. per doz., $3.40 per 100.

Golden Gate. Pure gold, becoming rayed with scarlet and apricot as the flowers expand. 4 feet. 5c. each, 45c. per doz., $3.40 per 100.

Yellow King Humbert. Orchid-flowering sport of King Humbert. Foliage dark green; flowers deep yellow, blotched with bright red. 5 feet. 10 cts. each, 70 cts. per doz., $5.25 per 100.

Karl Merck. Pure yellow, tinged orange, and flecked with pink dashes becoming red in throat. 4 feet. 5 cts. each, 45 cts. per doz., $3.40 per 100.

Richard Wallace. Canary-yellow. 4 feet. 5 cts. each, 45 cts. per doz., $3.40 per 100.

The President

Rose and Pink • Green Foliage

City of Portland. Deep, bright rose-pink; free-flowering and vigorous; trusses of large size. The best of its class. 3½ feet. 10 cts. each, 85 cts. per doz., $6.00 per 100.

Hungaria. A fine, clear light pink, with flowers of good size. 3 feet. 10 cts. each, 85 cts. per doz., $6.00 per 100.

Mrs. Alfred Conard. Large, graceful flowers of a most attractive salmon-pink. 4 feet. 10 cts. each, 85 cts. per doz., $6.00 per 100.

White • Green Foliage

Eureka. Handsome, vigorous plants with large trusses of snowy blossoms. 4 feet. 10 cts. each, 60 cts. per doz., $4.25 per 100.

Variegated • Green Foliage

Gaiety. Scarlet-orange, mottled with carmine and edged with yellow. 5 feet. 10 cts. each, 60 cts. per doz., $4.25 per 100.

Italia. Orchid-flowered scarlet, broadly edged with golden yellow. 5 feet. 5 cts. each, 45 cts. per doz., $3.40 per 100.

Souv. de Antoine Crozy. Red with a broad border of golden yellow. 3 feet. 5 cts. each, 45 cts. per doz., $3.40 per 100.

Gladiiflora. Crimson, changing to carmine-rose, edged gold. 3 feet. 5 cts. each, 45 cts. per doz., $3.40 per 100.

Bronze-Leaved Cannas

Dr. E. Ackerknecht. Giant flowers, carmine-cerise; luxuriant bronzy green foliage. Splendid. 4 feet. 10 cts. each, 70 cts. per doz., $5.25 per 100.

King Humbert. The most popular Canna grown. Large trusses of orange-scarlet flowers; luxuriant bronze-colored foliage. 4½ feet. 10 cts. each, 65 cts. per doz., $4.75 per 100.

Wyoming. Bright orange flowers; purplish foliage. 6 feet. Fine for background plantings. 5c. each, 45c. per doz., $3.40 per 100.

Bronze-Leaved King Humbert

DAHLIAS

The Dahlia is, unquestionably, the King of Autumn Flowers. Despite the great numbers of new varieties introduced each year, the demand for them constantly exceeds the supply. The great modern Dahlias bear but little resemblance to the stiff, old-fashioned "ball" Dahlias of a generation back.

The reasons for the popularity of the Dahlia are not hard to find. They are easy to grow, requiring a well-dug but only moderately rich soil and a fairly sunny situation. The tubers may be planted any time from April 25 to July 1, in this latitude, but the first of June is generally the best time to set them out. June-planted Dahlias come into bloom after the hot days of summer have passed and produce the largest and finest flowers. Set the tubers with the crown or eyes up and cover with about 4 inches of soil. Allow only two or three main stalks to develop in each hill. Give plenty of room; at least 2, and better 3, feet between each plant. A light application of fertilizer when the buds first appear is advisable. To produce exhibition flowers, careful trimming and disbudding is practised. Pamphlet on Dahlia culture free.

If wanted by mail, add 4 cts. per tuber

Mrs. John Scheepers

A new Decorative that is in great demand. The pure canary-yellow flowers are enormous and are borne on long, stout stems. $2.00 each.

Pride of California

Of the many fine red Dahlias developed in the last few years, Pride of California is unquestionably the best for almost every purpose.

Possessed of a vigorous constitution, it thrives under all conditions and produces great quantities of large showy blooms from beginning to end of the Dahlia season. The flowers are uniformly of giant size and finest decorative type; glowing cardinal-red in effective contrast with the dark green foliage. For cutting, Pride of California is ideal, as the blooms are borne erect on long, stout stems and keep for an exceptionally long time. If you have room for only one red, plant Pride of California 50 cts. each.

Pride of California

Autumn Glow

To Dahlia connoisseurs who demand the so-called "autumn tints" Autumn Glow will have a special appeal. Of the Peony-flowered type, with broad outer petals and short whorled inner petals, it is remarkably free-blooming and presents a constant mass of bloom all through the season. The flowers are pink suffused with chestnut, bronze, and golden tints, lighter toward the center—the perfection of autumn coloring. 45 cts. each.

The Eagle

In great demand for cut-flowers; unquestionably the finest for baskets and mass decoration yet produced. It carries its giant marigold-yellow flowers on splendid stems, and the plants are a gleaming mass of bloom from early August until killing frost. Hybrid Cactus. We consider it the finest yellow. 50 cts. each.

Mrs. I. de Ver Warner

The most famous and decidedly one of the best of the wonderful Marean Dahlias, considered by many judges to be the most nearly perfect Dahlia ever introduced. In size it ranks with the very largest and in form it has never been surpassed. It produces masses of blooms early and late, under even the most trying conditions of soil or weather. The color is magnificent, a deep glowing mauve-pink that commands wonder and admiration wherever it is exhibited. Flowers on long, strong stems; Decorative type. $1.50 each.

Mary Steffenson

One of the loveliest of all giant Dahlias, in both form and color, and one that has won many high awards in the past season's exhibitions. In type it is Decorative, but with just a suggestion of the Hybrid Cactus form in its long, slightly twisted petals, which render it a flower of exceptional grace. Clear citron-yellow in the center, shading out to creamy white at the tips, the full beauty of its coloring cannot be conveyed in words. Mary Steffenson is a reliable grower and a free bloomer under all conditions, and, like the others on this page, is ideal for cut-flowers as well as garden decoration. 50 cts. each.

Combination 6 The above 6 special Dahlias for 1926 will be wanted in every garden. As long as they last, we will supply one strong root of each, carefully labeled and packed, for **$5.00**

DAHLIAS FOR EVERYONE

THE BEST OF NEW AND OLD SORTS IN ALL CLASSES

Dahlia-growers recognize seven types of Dahlias, differing in the size and formation of the flowers. They may be described briefly as follows:

DECORATIVE. (D.) Large, symmetrical, full-centered flowers with broad, mostly flat petals.

CACTUS. (C.) Long, twisted or quilled petals, straight in some varieties and gracefully incurved in others.

PEONY-FLOWERED. (P.) Flat flowers with broad outer petals and centers open or with a whorl of short petals.

SHOW or BALL. (S.) The old-fashioned and no longer popular type, with ball-shaped flowers and tubular petals.

POMPON. (Pom.) Like the Show or Ball Dahlias in form but dwarf in growth and with flowers less than 2 inches in diameter.

HYBRID CACTUS. (H.C.) A recent and especially attractive class combining the floral characteristics of the Decorative and Cactus groups.

SINGLE. (Sgl.) Like giant daisies with open centers and one or sometimes two rows of broad petals.

The abbreviations following the type names above are used in describing the Dahlias listed on this and the following pages.

Cactus Dahlia, Golden West

Agnes Haviland. D. One of the newer sorts. Very large flowers of beautiful form; delicate rose color. $1.50 each.

Alan Loma. P. The origination of a famous eastern Dahlia breeder and one of the largest and best of its class. Pure waxy white, with yellow center. 75 cts. each.

Amber Queen. Pom. Most attractive for cutting. Clear amber color. 25 cts. each.

Breeze Lawn. D. A distinct variety, much in demand. Large, glowing scarlet. 75 cts. each.

California Enchantress. H.C. Giant size and lovely form. Clear shell-pink. Free-blooming. $1.00 each.

Carolyn Wintgen. D. Giant size; salmon-pink, shaded rose. New. $1.00 each.

Charm. D. One of the most noteworthy new Dahlias. Unusually large; burnt-amber, shaded yellow. Rare. $2.00 each.

Cleopatra. P.D. Another of the famous Marean Dahlias, in great demand. Enormous flowers of unique color—old-gold, tipped and backed with tango-red. Gorgeous. $2.00 each.

Colossal Peace. H.C. Creamy white with pink tips. One of the largest Dahlias in cultivation. $1.00 each.

C. W. Bruton. D. Free-blooming, giant, deep golden yellow. 35 cts. each.

Delice. D. Of medium size but very free-flowering and fine for cutting. Rich pink. 35 cts. each.

Dreer's White. S. Vigorous, free-blooming, pure white. 35 cts. each.

Dr. Tevis. D. One of the sensations of the exhibitions. Blended salmon, old-rose, and old-gold; magnificent in size and form. $1.00 each.

Edith Carter. C. Of large size; yellow, heavily tinged with carmine. Vigorous and free-flowering. 45 cts. each.

Emperor. D. One of the newest and largest. Striking velvety maroon. Rare. $3.00 each.

Floradora. C. Free-blooming; dark garnet-red. 35 cts. each.

General Buller. C. Maroon, tipped with white. 35 cts. each.

General Pershing. H.C. Gigantic rich velvety purple. Sensational. $2.00 each.

Golden Glow. D. Blended apricot and gold. Extremely showy. $1.00 each.

Golden West. C. A splendid free-blooming orange-yellow. 50 cts. each.

J. H. Jackson. C. Very dark maroon, almost black. 35 cts. ea.

Judge Marean. D. Giant flowers, blended orange, yellow, and bronzy gold. $2.75 each.

King Albert. P.D. Rich royal purple of colossal size. $1.00 ea.

Lady Betty. D. One of the largest and finest. Creamy white, suffused with pink. New. $2.00 each.

Mephistopheles. D. Another of the famous Marean group. Dark scarlet, tipped yellow. $2.00 each.

Mina Burgle. D. A favorite, vigorous, giant red. 50 cts. each.

Minamota. D. Velvety dark cardinal-red. Largest size. $1.00 each.

Mrs. F. C. Burns. D. Giant, pure pink of elegant form. $1.50 each.

Mrs. Hugh Dickson. P. One of the finest of all for garden decoration or cutting. Masses of buff-pink flowers. 50 cts. each.

Mrs. Roosevelt. D. Lovely cream-pink. 35 cts. each.

Nigger. P. Gigantic mahogany color. $1.00 each.

Nina. S. White, suffused with blush-lilac. 35 cts. each.

Nordlicht. C. Free-blooming; glowing orange. 50 cts. each.

Patrick O'Mara. D. A favorite for exhibition. Giant, free-blooming, amber, buff, and gold. $1.50 each.

Poinsettia. P.D. As the name implies, a flaming poinsettia-red. Exceptionally showy. 35 cts. each.

Princess Pat. D. Very large, glowing old-rose of unusually lovely form. One of the best. $1.50 each.

Queen Elizabeth. P. Large, mauve-pink. 35 cts. each.

Queen Mary. D. Delightful shell-pink. Splendid for cutting. 35 cts. each.

Queen Wilhelmina. P.D. Large, snowy white. One of the best whites. 40 cts. each.

Red Cross. H.C. A striking flower. Bright red, tipped and backed with yellow. Large and free-blooming. $1.00 each.

Sequoia. C. Immense golden bronze. 50 cts. each.

The Grizzly. D. Large, shaggy flowers; deep crimson-maroon. Rare. $1.50 each.

U. S. A. H.C. Flowers often 9 inches in diameter. Rich, glowing orange. $2.00 each.

Venus. D. One of the loveliest of all Dahlias. Creamy white with lavender suffusion. Large and free blooming. $1.50 each.

For a Complete Dahlia Garden we offer one tuber each of the 44 varieties on this page for $40.00

Hybrid Cactus Dahlia, Red Cross

NEW DAHLIA INTRODUCTIONS FOR 1926

JAMES L. BERNARD. D. Salmon-pink, shading to old-rose. $10.00 each.

LADY MARGARET. D. Canary center, shading to pinkish lavender. $10.00 ea.

MARY ROBINSON. D. Whorled red petals with whorl showing white tip. $25.00 each.

MRS. GEORGE FAMOUS. D. Clear rich yellow. $5.00 each.

SHELTON'S BURNT ORANGE. D. Burnt-orange with under side of petals shaded burnt-amber. $15.00 each.

WEST VIRGINIA. H.C. Deep cardinal flowers borne on long, stout stems. $15.00 each.

C. W. GOERMAN. D. Rich crimson, shading white on tips. $1.00 each.

DAHLIA PLANTS

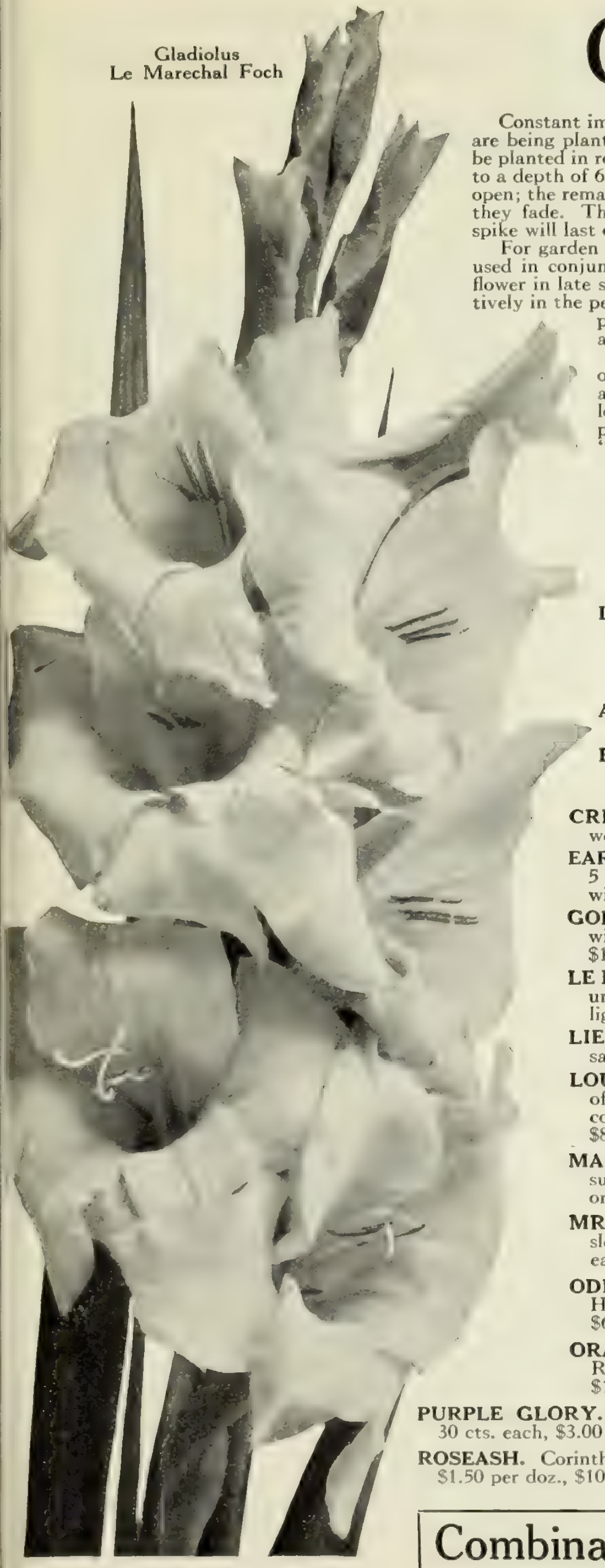
These are 1925 Dahlia introductions developed at our gardens, but not yet available in sufficient quantity to offer this season in tubers. We shall, however, have a limited number of propagated plants to offer during May. Anyone wanting these fine specimens is advised to get their order in early.

	Each
Ambassador. D. Soft yellow-buff	$1 75
Amun Ra. D. Copper and orange	1 50
Aquitania. H.C. Soft rose-pink; large	1 00
Azalea. D. Pink and salmon	50
Bashful Giant. D. Apricot and golden yellow	2 25
Copper King. D. Copperish shade	$10 00
Cigarette. H.C. Cream and red	1 50
C. H. Breck. C. Soft yellow, tipped with carmine	50
Dark Days. D. Dark maroon, almost black	7 50
E. T. Bedford. D. Purple with light shading	1 50
Eldorado. D. Gold	3 50
Francis Seaman. D. Rosy pink	2 50
Gladys Laughner Bauden. P. Fluffy burnt-orange	25 00
Gladys Sherwood. D. Large; pure white	$1 00
H. C. Slocum. D. Canary-yellow	1 00
Jersey's Beauty. D. Pink	3 00
Kitty Dunlap. D. American Beauty rose color	2 00
Paul Michael. D. Pure golden yellow	1 00
Pennsylvania. D. Claret-color with flat, wide petals	10 00
Sequoia Gigantea. D. Buttercup-yellow	1 25
Shudow's Lavender. D. Lavender	2 25
The Stunner. D. Soft yellow	50
Wizard of Oz. D. Salmon-rose	2 75

HARDY LILIES

	Each	Doz.	100
Auratum (Gold-banded Lily). Ivory-white, with central band of yellow and numerous purple spots.			
8 x 10-in. circumference	$0 35	$3 50	$25 00
9 x 11-in. circumference	45	4 50	35 00
Auratum pictum. Grand pure white, spotted crimson, without the yellow band. 9 x 10-in. circum	85	8 50	
Auratum platyphyllum (macranthum). A giant Lily. Similar in color to Auratum, but much larger and with fewer spots.			
8 x 9-in. circumference	35	3 50	25 00
Speciosum album. Pure white, with green band in the center of each petal; exquisitely dainty and beautiful; very fragrant.			
8 x 9-in. circumference	45	4 50	35 00
Speciosum magnificum. Flowers larger than any of the other Speciosums. Rose heavily spotted with rich crimson. 9 x 11-in. circum.	45	4 50	35 00
Speciosum melpomene. Large, rich carmine flowers, heavily spotted blood-red. 9 x 11-in. circum	50	5 25	37 50
11x13-in., Mammoth Bulbs.	60	6 50	45 00
Speciosum rubrum or roseum. White, shaded with deep rose, and spotted red. Magnificent; free-blooming. 9 x 11-in. cir	50	5 25	37 50
11 x 13-in., Mammoth Bulbs	60	6 50	45 00
Batemanniæ. Blooms in August and September; very handsome glowing apricot-red flower	25	2 50	
Hansonii. Flowers bright golden yellow, spotted purple, borne in clusters	75	7 50	60 00

Lilium auratum



Gladiolus
Le Marechal Foch

GLADIOLUS

Constant improvement in Gladiolus has greatly increased the interest in them and they are being planted in greater numbers each season. For cutting purposes, the bulbs may be planted in rows 12 to 18 inches apart, setting the bulbs 3 to 4 inches apart and planting to a depth of 6 inches. The flowering spike should be cut just as soon as the lower flowers open; the remaining buds will open if kept in fresh water and the open flowers removed as they fade. The stems should be clipped when the water is changed. Treated thus, a spike will last over a week.

For garden planting, they appear to best advantage in groups or masses and are best used in conjunction with some annual or bedding subject where they can be timed to flower in late summer when garden color is most desired. Groups can also be used effectively in the perennial border. A more continuous effect can be had by making successive plantings, beginning as soon as the ground can be worked, in early spring, and planting at intervals until June.

The prices named below are for the largest size bulbs—the only size we offer. They measure 1½ inches or more in diameter, and are sound, vigorous, and free from disease. Such bulbs are sure to bloom, and will produce the longest, strongest spikes and the largest flowers. They are not to be compared with the smaller bulbs commonly offered and often incorrectly named "first-size."

If wanted by mail, add 8 cts. per dozen bulbs

THE FINEST NEW AND RARE VARIETIES

L'OISEAU BLEU. A truly remarkable Gladiolus. The newest and best blue, and the most sensational novelty of recent years. Deep velvety purple-violet. Almost twice the size of Baron Hulot. Also known as "Blue Bird" and "Duchess of York." Supply very limited. 35 cts. each, $3.65 per doz., $26.50 per 100.

ANNA EBERIUS. Unusual and most artistic in color—clear rosy purple with a smoky suffusion. 6 cts. each, 65 cts. per doz., $4.75 per 100.

BYRON L. SMITH. Tall-growing, with large flowers of beautiful form; delicate lavender-pink on white ground; fine for cutting. 12 cts. each, $1.25 per doz., $9.00 per 100.

CRIMSON GLOW. A perfect scarlet of a deep type. Large open flowers, well placed on a tall spike. 10 cts. each, $1.00 per doz., $7.25 per 100.

EARLY SUNRISE. The largest Gladiolus grown. Strong spikes 4½ to 5 feet high, with enormous, wide-open flowers, bright orange-red marked with golden yellow in the throat. 10 cts. each, $1.00 per doz., $7.25 per 100.

GOLDEN MEASURE. The largest and best pure deep yellow. Tall spikes with wide-open flowers of good substance. 15 cts. each, $1.50 per doz., $10.75 per 100.

LE MARECHAL FOCH. One of the earliest of all Gladiolus to bloom. Flowers unusually large and well placed on strong spikes; a charming shade of clear, light pink without any markings. 5 cts. each, 45 cts. per doz., $3.25 per 100.

LIEBESFEUER. Pure flaming scarlet. Good-sized flowers; many open at the same time. The best bright red. 12 cts. each, $1.15 per doz., $8.00 per 100.

LOUISE. A real orchid-colored Gladiolus. The flowers are of the largest size, often 6 inches in diameter, and are produced on strong, well-filled spikes; the color is clear, rich lavender, like a cattleya orchid. 12 cts. each, $1.15 per doz., $8.00 per 100.

MARY PICKFORD. Creamy white flowers of the finest form, shading to sulphur-yellow in the throat; stem and calyx also white. Superb for cutting or garden decoration. 10 cts. each, 90 cts. per doz., $6.75 per 100.

MRS. DR. NORTON. Fresh clear apple-blossom pink; large flowers on long, slender spikes; distinct in form, with all the daintiness of a Sweet Pea. 7 cts. each, 70 cts. per doz., $5.25 per 100.

ODIN. Deep salmon-rose with red flame on the lower petals. As early as Halley and larger; a good forcer and shipper. 10 cts. each, 90 cts. per doz., $6.75 per 100.

ORANGE GLORY. Ruffled type, with very large flowers and massive spikes. Rich orange, lighter in the throat. Distinct and beautiful. 10 cts. each, $1.00 per doz., $7.25 per 100.

PURPLE GLORY. Massive spikes of heavily ruffled, glowing purple flowers. Splendid. 30 cts. each, $3.00 per doz., $22.25 per 100.

ROSEASH. Corinthian-red, combined with ashes of roses; rather unique; large. 15 cts. each, $1.50 per doz., $10.75 per 100.

Combination 15 One large bulb of each of the above New and Rare Gladiolus, special . . . **$1.65**

GLADIOLUS, continued. THE BEST STANDARD VARIETIES

America. The most widely grown Gladiolus in existence. Exquisite soft pink, tinted lavender. Hardy and vigorous. 5 cts. each, 35 cts. per doz., $2.50 per 100, $22.00 per 1,000.

Baron Hulot. Dark violet-blue flowers of medium size on good, straight spikes. 10 cts. each, 90 cts. per doz., $6.50 per 100.

E. J. Shaylor. Ruffled; rose-pink, tall; many flowers; good keeper. 10 cts. each, $1.00 per doz., $7.25 per 100.

Evelyn Kirtland. Light rose, darker at the edges, fading to shell-pink at the center, with scarlet blotches. Very tall spikes. 8 cts. each, 70 cts. per doz., $5.25 per 100, $44.50 per 1,000.

Goliath. Dark maroon-purple. Tall-growing and very large-flowered variety. 12 cts. each, $1.15 per doz., $8.00 per 100.

Gretchen Zang. An exquisite shade of salmon-pink, blending into scarlet on lower petals. 6 cts. each, 65 cts. per doz., $4.50 per 100.

Halley. Bright orange-pink, with white throat. One of the first to bloom. 5 cts. each, 45 cts. per doz., $3.00 per 100, $26.50 per 1,000.

Herada. Immense flowers of pure, glistening mauve—an unusual and striking color. 7 cts. each, 70 cts. per doz., $5.25 per 100.

Lily Lehman. Blush-white flowers irregularly arranged, resembling lilies. 8 cts. each, 80 cts. per doz., $6.00 per 100, $50.50 per 1,000.

Lily White. Fine early white, slightly tinted ivory; free flowering and excellent forcing variety. 6c. each, 65c. per doz., $4.50 per 100.

L'Immaculee. Pure white flowers of medium size. 10 cts. each, 90 cts. per doz., $6.50 per 100.

Mrs. Francis King. Large light scarlet flowers on tall spikes. 5 cts. each, 45 cts. per doz., $3.25 per 100, $28.00 per 1,000.

Mrs. Frank Pendleton, Jr. Large, wide-open flowers of vivid blush-pink, with a brilliant scarlet blotch in the throat. 5 cts. each, 50 cts. per doz., $3.50 per 100, $29.50 per 1,000.

Mrs. George Moulton. Giant flowers of violet-red or cerise. 10 cts. each, 90 cts. per doz., $6.50 per 100.

Panama. Rich pink, deeper in tone than America; flowers and spikes large. 5 cts. each, 50 cts. per doz., $3.35 per 100, $29.00 per 1,000.

Peace. Flowers of the largest size on straight, heavy spikes; white, feathered lilac. 5 cts. each, 50 cts. per doz., $3.50 per 100, $29.50 per 1,000.

Pink Perfection. Large, open flowers of true La France pink. Fine for cutting. 12 cts. each, $1.25 per doz., $8.75 per 100.

Prince of Wales. Clear apricot-pink, with throat-markings of a deeper tone and petals shaded buff at the tips. An early bloomer. 6 cts. each, 65 cts. per doz., $4.50 per 100, $38.50 per 1,000.

Rose Pearl. The improved Apple Blossom. Pink without markings. Rapidly coming into favor as a cut-flower. 6 cts. each, 65 cts. per doz., $4.50 per 100, $38.50 per 1,000.

Ruffled Glory (Kunderd's). Large cream-colored flowers, striped with crimson, on strong, compact spikes. Each petal is elegantly fluted and ruffled. 8 cts. each, 80 cts. per doz., $6.00 per 100.

Schwaben. Clear, light yellow with carmine-purple blotch. A strong grower. Considered the best cheap yellow. 5 cts. each, 50 cts. per doz., $3.35 per 100, $29.00 per 1,000.

War. Deep blood-red, shaded with blackish crimson; very tall and showy. 10 cts. each, 90 cts. per doz., $6.50 per 100, $55.00 per 1,000.

Willy Wigman. Blush-white, with deep carmine blotch in the throat. A very dependable grower. 7 cts. each, 75 cts. per doz., $5.50 per 100.

BECKERT'S PAN-AMERICAN MIXTURE

An unexcelled blend of the largest possible number of fine and distinct varieties of Gladiolus. This is a specialty of ours and not to be compared with ordinary mixtures. Selected bulbs. 25 cts. for six, 45 cts. per doz., $3.00 per 100, $26.50 per 1,000.

Good Mixture. Grown for those who want a mixture of only the cheaper and commoner sorts. 20 cts. for six, 35 cts. per doz., $2.50 per 100, $22.00 per 1,000.

THE BEST SIX PRIMULINUS HYBRID GLADIOLUS

These new varieties, gained by crossing the large-flowered Gladiolus with the yellow African species, *Gladiolus primulinus*, are wonderfully artistic in form and dainty in color. They are early bloomers, so can be planted later in the season than the varieties described on the preceding page. The first hybrids produced were rather small-flowered and distinctly hooded, but the newer hybrids which we offer are nearly as large as the ordinary Gladiolus while the tendency of the upper petal to droop has been eliminated to a considerable extent. They still retain, however, the graceful form of their Primulinus parent. The bulbs are small, but will produce 2 or 3, and often as many as 5 fully developed spikes. On account of their tall, slender growth they are not well adapted for massing, but are unsurpassed for cutting and as specimen plants scattered in the border.

Alice Tiplady. Clear orange-saffron. The best-known variety and one of the largest. Early and vigorous. 10 cts. each, 90 cts. per doz., $6.50 per 100, $55.00 per 1,000.

Butterfly. Lemon-yellow, slightly tinged with salmon. Ruffled petals. Large and most attractive. 8 cts. each, 80 cts. per doz., $6.00 per 100, $50.50 per 1,000.

Maiden's Blush. Dainty pink; strong, slender spikes. Blooms the first week in June. 7 cts. each, 75 cts. per doz., $5.50 per 100.

Myra. Deep salmon on primrose ground. Very large and showy. 7 cts. each, 75 cts. per doz., $5.50 per 100, $47.50 per 1,000.

Nina. Creamy white, overlaid with rose-pink. 7 cts. each, 75 cts. per doz., $5.50 per 100, $47.50 per 1,000.

Orange Queen. New. Large-flowering, orange-yellow, tinted apricot. 30 cts. each, $3.00 per doz., $22.50 per 100.

Souvenir. The newest and finest deep yellow. Tall with extra-large flowers. Early and a good shipper. 10 cts. each, $1.00 per doz., $7.25 per 100, $62.50 per 1,000.

Primulinus Hybrids Mixed. All colors in this fine new class, but especially rich in shades of yellow, salmon, and orange. Will provide quantities of the very finest cut-flowers during July and August. We are pleased to offer this splendid mixture and suggest that you try some. As for artistic decoration, these flowers, borne on long slender spikes, are very beautiful. 20 cts. for six, 35 cts. per doz., $2.50 per 100, $22.00 per 1,000.

Combination 7 Get acquainted with the dainty Primulinus Hybrids this year. One bulb each of the above, special for .... **65c.**

MISCELLANEOUS BULBS AND ROOTS

APIOS tuberosa (Tuberous-rooted Wisteria). A vigorous climber with clusters of deep purple flowers, delightfully fragrant. 10 cts. each, $1.00 per doz.

CALADIUM esculentum (Elephant's Ear). Grown for its imposing leaves, which are shield-shaped, bright green in color, and often measure 3 feet or more in length and breadth. Requires a rich soil and an abundance of water.

- **Mammoth Bulbs** (11 to 12 inches). 30 cts. each, $2.95 per doz., $21.00 per 100.
- **First-Size Bulbs** (9 to 11 inches). 20 cts. each, $1.80 per doz., $13.50 per 100.
- **Second-Size Bulbs** (7 to 9 inches). 10 cts. each, 90 cts. per doz., $6.75 per 100.
- **Third-Size Bulbs** (5 to 7 inches). 7 cts. each, 55 cts. per doz., $4.15 per 100.

CALADIUM, Fancy-Leaved. Leaves marbled, veined, and striped with white, pink, and dark red. 25 cts. each, $2.50 per doz., $18.00 per 100.

CINNAMON VINE. Of rapid growth, with dense foliage and white, cinnamon-scented flowers. 10 cts. each, $1.00 per doz., $7.50 per 100.

HYACINTHUS candicans. Spreads 2 to 3 feet, throwing up great tall spikes 4 to 5 feet in height, each bearing 20 to 30 large white bell-shaped flowers. 20 cts. each, $2.00 per doz.

ISMENE (Peruvian Daffodil). Large, pure white, fragrant flowers, resembling amaryllis. Plant the bulbs in June and take them up in the fall; after a period of rest, they may be potted up for winter blooming indoors. Mammoth bulbs, 25 cts. each, $2.50 per doz.

MADEIRA VINE. A rapid-growing climber which quickly covers porch trellises, etc. Graceful racemes of white flowers. 10 cts. each, $1.00 per doz., $7.50 per 100.

OXALIS, Summer-blooming. White and shades of pink. 3 cts. each, 25 cts. per doz., $1.60 per 100.

TUBEROSE, Excelsior Pearl. The best variety; creamy white, very fragrant, double flowers. Start in March in the greenhouse for early flowers. Plant about the middle of May in the open.

- **Mammoth Bulbs** (6 to 8 inches). 8 cts. each, 75 cts. per doz., $5.50 per 100.
- **First-Size Bulbs** (4 to 6 inches). 5 cts. each, 50 cts. per doz., $3.50 per 100.

Wizard Sheep Manure Will Make Your Plants Grow to Perfection!

WIZARD
BRAND
SHEEP
MANURE

Wizard is a concentrated weedless sheep manure that puts new life into worn-out soils. It has been used for 20 years by florists, nurserymen, and gardeners because it supplies large quantities of plant-food in a natural form and in addition the necessary humus to make soils mellow and fertile. Wizard is convenient—**ONE BAG EQUALS A WHOLE WAGON-LOAD OF STABLE-MANURE.**

Wizard produces thick, velvety green lawns and a steady production of vivid-colored flowers in the garden. Fine for house-plants and window-boxes. It is a practical and profitable soil-building fertilizer for the fruit- and vegetable-grower. Produces big crops of crisp, tender vegetables. All plants need manure. Use Wizard and make a beautiful lawn and garden.

For lawns and gardens, use 10 lbs. to 100 sq. ft. For vegetables and fruits 1,000 lbs. per acre.

PRICES

5 lbs.	$0 30	100 lbs.	$2 75
10 lbs.	50	500 lbs.	12 00
25 lbs.	1 00	1,000 lbs.	23 00
50 lbs.	1 50	2,000 lbs.	44 00

Special prices on car lots

Old Gardener

COMPLETE FERTILIZER

FOR EVERYTHING THAT GROWS

OLD GARDENER is a complete, quick-acting fertilizer, containing in concentrated form the plant-foods and soil-sweeteners used by professional gardeners and florists. It stimulates all plants into quicker and more vigorous growth, increases production, and sweetens and refreshes the soil.

OLD GARDENER is particularly effective on lawns, being quick-acting as well as permanently beneficial. In the garden it produces larger, finer crops of vegetables and larger, brighter colored flowers. Being clean and odorless, it is especially adapted for indoor use, and produces amazing results with ferns, pot-plants, and window-boxes.

Odorless · Clean · Easy to Use

There is no need of using coarse odorous fertilizers on lawns and gardens. **OLD GARDENER** is absolutely clean and odorless, and contains every element needed for healthy plant-growth—3 per cent available ammonia, 10 per cent available phosphoric acid, and 4 per cent available potash minimum guaranteed; also contains over 20 per cent of soluble marl lime, making it doubly beneficial as a fertilizer and soil-corrective.

Comes in Six Convenient Sizes

OLD GARDENER is put up in tight cans and bags in the following handy sizes:

		Postpaid			Postpaid
1-lb. can	$0 25	$0 35	25-lb. bag	$2 00	$2 35
5-lb. bag	65	80	50-lb. bag	3 50	
10-lb. bag	1 00	1 20	100-lb. sack	5 50	

On the basis of actual plant-food contained, OLD GARDENER is the cheapest complete fertilizer you can buy.

Ask for leaflets on the care of House Plants, Lawns, and Gardens.

Should Be Included in Every Order

No matter how large or small your plantings may be, nor how good your soil, you will get far better results with the use of a complete fertilizer. **OLD GARDENER** is economical and fills every need. Be sure to include it in your order.

FERTILIZERS

Prices subject to change without notice

Acid Phosphate.

100 lbs.	$1 85	1000 lbs.	$15 00
500 lbs.	8 00	2000 lbs.	28 00

Ashes, Unleached Hardwood. A splendid stimulant, fertilizer and sweetener, particularly for lawns. Apply in fall or early spring; 1,500 to 2,000 pounds to the acre.

In 200 lb. bbl. only.		1000 lbs. (5 bbls.)	$16 00
200 lbs. (bbl.)	$3 50	2000 lbs. (10 bbls.)	31 00

Bon Arbor. Contains more soluble plant-food than any other fertilizer and its merits have been widely tested and proved by numerous expert gardeners.

8-oz. can	$0 30	5-lb. can	$2 00
Lb. can	50		

Bone Meal, Pure Raw, No. 1. Highest grade. Contains nothing but pure raw animal bone. Vastly superior to steamed bone. Ammonia 4½ to 6 per cent; phosphoric acid, 22 to 24 per cent, equal to bone phosphate 48 to 52 per cent.

5 lbs.	$0 30	100 lbs.	$3 25
10 lbs.	50	500 lbs.	16 00
25 lbs.	1 00	1000 lbs.	30 00
50 lbs.	1 80	2000 lbs.	55 00

Bone Meal Fertilizer. We guarantee this brand to be manufactured strictly from slaughter-house bone. Analysis: Ammonia 4.5 per cent; phosphoric acid 21 per cent. Equal to bone phosphate 45.88.

100 lbs.	$3 00	1000 lbs.	$27 00
500 lbs.	14 00	2000 lbs.	50 00

Bone and Meat, Pure.

100 lbs.	$2 25	1000 lbs.	$21 00
500 lbs.	11 00	2000 lbs.	40 00

Bowker's Plant Food. For house plants.

Large size. 1 pkg.	$0 30	Large size. 3 pkgs.	$0 85

Plant and Vine Manure, Thompson's. For mixing with the soil when potting chrysanthemums and other plants.

7 lbs.	$1 50	56 lbs.	$5 50
14 lbs.	2 00	112 lbs.	10 00
28 lbs.	3 00		

Clay's Fertilizer. The most widely used complete fertilizer imported from England.

7 lbs.	$1 50	56 lbs.	$7 50
14 lbs.	2 50	112 lbs.	13 75
28 lbs.	4 50		

Cocoa Fiber. Stimulates a strong, fibrous growth.

10 lbs.	$0 75	50 lbs.	$2 50
25 lbs.	1 50	100 lbs.	4 50

Cottonseed Meal. Rich in potash and ammonia and very desirable as a fertilizer for lawns and grains................**Market Price**

Floranid (Urea Base). Contains 46 per cent available nitrogen, equivalent to 55½ per cent ammonia.

1-lb. tins	$0 75	50-lb. bags	$12 00

Write for special instructions for the use of Floranid.

F. & I. Tobacco Base Fertilizer. "The Wonder Worker of the Florist Trade."

	F.O.B. Pittsburgh	F.O.B. Lancaster
100 lbs.	$2 35	$2 00
500 lbs.	11 00	8 75
2000 lbs.	43 00	35 00
Minimum car (15 tons) or more	40 00	32 25

Horn Shavings. A fertilizer specially adapted for roses, chrysanthemums, etc.

		10 lbs.	$0 60
1 lb.	$0 10	25 lbs.	1 40
5 lbs.	35	100 lbs.	5 00

Humus, Alphano. This excellent soil-enricher is mostly decayed vegetation. For vegetable-gardens it is used the same as well-rotted manure, in trenches or broadcast and raked or harrowed in.

10 lbs.	$0 35	500 lbs.	$8 50
25 lbs.	75	1000 lbs.	16 50
50 lbs.	1 25	2000 lbs.	31 50
100 lbs.	2 00		

Keystone Fertilizer. Made from bone and tankage, treated with acid. The proportion of ammonia, soluble available and insoluble phosphoric acid is so arranged that it is both quick and lasting. It is especially adapted for use in the drill for wheat, rye, oats, and buckwheat, and will put soil in good condition for grass.

100 lbs.	$2 50	1000 lbs.	$22 00
500 lbs.	11 50	2000 lbs.	42 50

Lawn and Garden Fertilizer. A high-grade fertilizer suitable for home gardening. It can be used to good advantage on lawns, trees, shrubberies, pot-plants, flowers, and vegetables.

5 lbs.	$0 30	100 lbs.	$2 75
10 lbs.	50	500 lbs.	12 25
25 lbs.	1 00	1000 lbs.	23 50
50 lbs.	1 75	2000 lbs.	45 00

Leaf-Mold. For mixing with potting soil. 2-bus. sack.......$2 00

Agricultural Lime. Valuable for correcting an acid soil. Recommended for clover.

		500 lbs.	$4 10
50 lbs.	$0 75	1000 lbs.	7 50
100 lbs.	1 00	2000 lbs.	14 75

More-Crop Marl Lime. Makes sour soils productive. This is the safest and most effective form of Lime for use on lawns and home gardens. Apply 2 to 3 tons to the acre, depending on condition of soil. On lawns and gardens, apply 125 pounds to each 1,000 square feet.

10-lb. paper sack	$0 35	500 lbs.	$5 00
50-lb. bag	65	1000 lbs.	9 00
125-lb. bag	1 40	2000 lbs.	16 00

Minimum car (20 tons or more) at $12 per ton.

Muriate of Potash..............................**Market Price**

Nitrate of Soda. 100-pound sacks and up.

1 lb.	$0 15	25 lbs.	$1 65
5 lbs.	50	50 lbs.	2 75
10 lbs.	85	100 lbs.	4 75

Patuxent Early Trucker. Ammonia 5 per cent; available phosphoric acid 7 per cent; potash 5 per cent.

100 lbs.	$2 75	1000 lbs.	$25 00
500 lbs.	13 00	2000 lbs.	47 75

Patuxent Big Yield. Ammonia 1 per cent; available phosphoric acid 9 per cent; potash 5 per cent.

100 lbs.	$2 00	1000 lbs.	$17 50
500 lbs.	9 25	2000 lbs.	33 65

Patuxent Beaver Brand Guano. Ammonia 1 per cent; available phosphoric acid 9 per cent; potash 4 per cent.

100 lbs.	$1 90	1000 lbs.	$17 25
500 lbs.	9 00	2000 lbs.	32 80

Patuxent Farmers' Friend. Ammonia 2 per cent; available phosphoric acid 12 per cent; potash 2 per cent.

100 lbs.	$2 25	1000 lbs.	$19 75
500 lbs.	10 50	2000 lbs.	37 60

Patuxent Potato and Truck Guano. Ammonia 4 per cent; available phosphoric acid 8 per cent; potash 4 per cent.

100 lbs.	$2 50	1000 lbs.	$23 00
500 lbs.	12 00	2000 lbs.	44 00

Peat, Orchid, Fibrous. For orchids. 3-bu. sack...........$4 00

Peat, Jersey. For mixing with potting soil. 2-bu. sack...... 2 00

Premier Brand Poultry Manure. Quick-acting, powerful, and absolutely harmless to plants. Guaranteed analysis: Nitrogen 4.10 per cent; ammonia 5 per cent; total phosphoric acid 2.70 per cent; available phosphoric acid 1.70 per cent; potash 1.30 per cent.

100 lbs.	$2 75
500 lbs.	12 25

2000 lbs. $44.75, f.o.b. Pittsburgh; 2000 lbs. $36.75, f.o.b. Buffalo, N.Y.

Shredded Cattle Manure.

100 lbs.	$2 75	1000 lbs.	$23 00
500 lbs.	12 00	2000 lbs.	44 00

Soot, Scotch.

Lb.	$0 15	100 lbs.	$8 00
50 lbs.	4 50		

Springfield Carnation Food. An exact food based on the need of carnations. Is a perfect diet that invigorates the root action, strengthens the stem and calyx in all seasons, intensifies the color, adds lasting qualities to the blooms, and guarantees a larger, more perfect crop of flowers at lower fertilizing cost.

100 lbs.	$6 00

Springfield Rose Food. This special rose-food gives to roses exactly what they need to insure you top notch results.

10-lb. carton	$1 00	100-lb. bag	$5 00
25-lb. bag	2 00		

Sulphate of Ammonia.

100 lbs.	$5 00	1000 lbs.	$47 00
500 lbs.	24 00	2000 lbs.	90 00

Stim-U-planT. Concentrated plant-food in tablet form. Fine for all kinds of plants, indoors and out.

In boxes of 10 tablets	$0 15	100 tablets	$0 75
30 tablets	25	1000 tablets	3 50

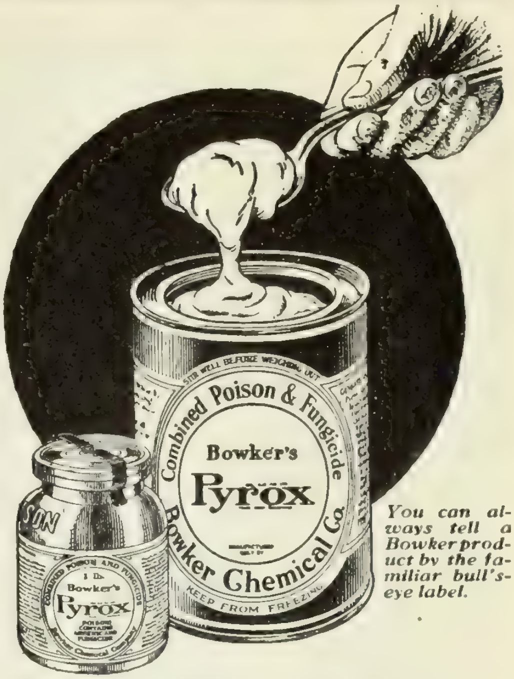
White Rose Plant Food. Analysis: Ammonia 5 per cent; available phosphoric acid 8 per cent; potash (soluble in water) 3 per cent For old lawns, apply at the rate of 2 pounds to every 100 square feet; for new lawns at the rate of 2½ pounds to every 100 square feet.

1-lb. pkg.	$0 25	25-lb. bag	$2 50
5-lb. pkg.	75	50-lb. bag	4 00
10-lb. pkg.	1 25	100-lb. bag	6 50

Allowance of 5 per cent will be made when Fertilizers are hauled from our warehouse by purchaser

A still better Pyrox

the powerful triple-duty spray



You can always tell a Bowker product by the familiar bull's-eye label.

Its soft, cream-like form guaranteed by 27 years of manufacturing experience

Pyrox has been known for years as the handiest and most efficient spray material made. And this year, due to advanced manufacturing methods, Pyrox is even better than ever. Smoother; always soft and plastic; always ready to use. No fuss, muss, or guesswork. Simply dip this creamy-smooth paste out of the jar or drum, add water, stir—and you have a perfect mixture that sprays, mist-like, through finest nozzles. And Pyrox is economical: handy to use, goes far, sticks like paint, and does three things at once: kills bugs, prevents blights and rots, and improves foliage. Ideal for the home gardener and truck farmer. Use Pyrox especially for potatoes, other vegetables, small fruits and rose bushes. One pound makes 4 to 5 gallons of spray; 11 pounds will spray an acre of potatoes once. 1-lb. jar 50 cts., 5-lb. drum $1.75, 10-lb. drum $3.00, 25-lb. drum $6.25, 50-lb. pail $10.75, 100-lb. drum $17.00, 300-lb. bbl. $48.00.

Bowker's Dry Arsenate of Lead

The most extensively used poison for killing bugs on fruits, vegetables, and flowers. Exceptionally fine, light, and fluffy. For use either as a dust or a liquid spray. ½-lb. carton 30 cts., 1-lb. carton 50 cts., 1-lb. bag 40 cts., 4-lb. bag $1.00, 25-lb. bag $6.00, 100-lb. drum $22.00.

Bowker's Dry Lime-Sulphur

This product is made by a superior process which insures its going into suspension with a minimum of sediment, thus insuring maximum effectiveness. It is now generally accepted by fruit-growers everywhere. 1-lb. can 30 cts., 5-lb. can $1.25, 10-lb. can $2.00, 25-lb. drum $3.75, 50-lb. drum $7.00, 100-lb. drum $12.00.

DU PONT SEMESAN

The NEW mercuric disinfectant

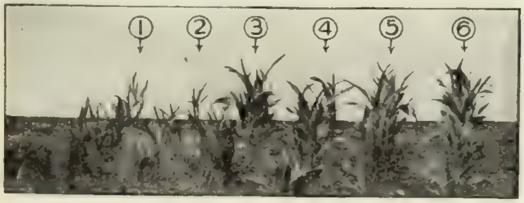
DU PONT
SEMESAN
A Mercuric Disinfectant

Du Pont Semesan is the first seed, plant and soil disinfectant that can be applied in *either dust or liquid form.* Extensive seed tests show that Semesan will successfully prevent or control the majority of externally and many internally-borne diseases of seeds without in the least impairing their vitality. It is also effective in curing a number of common diseases that attack plants and infest the soil.

Controls seed diseases, quickens germination, invigorates seedling growth, produces sturdier plants, increases crop yields

"Brown Patch:" Semesan prevents and cures "Brown Patch," a disease of grasses that destroys the turf of golf greens, grass tennis courts, parks and estates.

"Damping-Off:" Seedlings grown from Semesan-treated seeds are more resistant to the costly "damping off" fungi which so severely attack both seedlings and cuttings.



Sugar Corn Test:

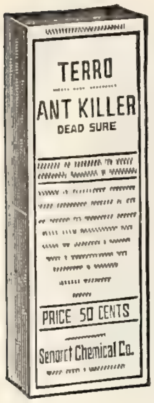
Illustration shows plants in Rows Nos. 3, 4, 5 and 6 grown from Semesan-treated seed.

PRICES

2 ounces	$0 60	1 pound	$2 75
4 ounces	1 00	5 pounds	13 00
8 ounces	1 60	25 pounds	62 50
100 pounds	$235 00		

INSECTICIDES AND FUNGICIDES

Fluids and poisons are not mailable. All prices on Insecticides and Fungicides subject to change without notice

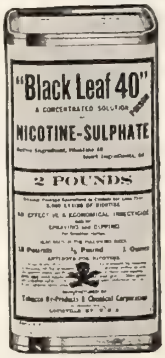


Ansect. Is a rose-bug destroyer and after two or three sprayings acts as a repellant. 4 ozs. 30 cts., pt. $1.00, qt. $1.75, gal. $6.00.

Ant Killer, Terro. Are you bothered with ants. Terro Ant Killer will rid your place of ants in 24 hours. Bottle 50 cts.

Aphine. Destroys aphis, thrip, red spider, etc., in greenhouse and outdoors. ¼pt. 25 cts., ½pt. 40c., pt. 65 cts., qt. $1.00, gal. $3.00.

Aphis Punk. Is a special preparation of nicotine for controlling green and black fly and other insects injurious to greenhouse and conservatory plants. Can 90 cts.



Arsenate of Lead Paste. Very effective for combatting all leaf-eating insects. Lb. 40 cts., 5 lbs. $1.75, 10 lbs. $3.00, 25 lbs. $5.50.

Black Leaf 40, Nicotine-Sulphate (40 per cent nicotine guaranteed). Black Leaf 40 is highly recommended by experiment stations and by spraying experts throughout the United States and the Dominion of Canada. The standard contact insecticide for spraying vegetables, fruits, flowers, and plants to destroy aphis, thrips, leaf-hoppers, and similar "sucking" insects. Also effective for dipping purposes. Full directions with every package. 1-oz. bottle 35 cts., ½-lb. can $1.25, 2-lb. can $3.50, 10-lb. can $13.50.

Bordeaux Dry. One pound to 5 gallons of liquid. Full directions on package. ½lb. 25 cts., lb. 45 cts., 5 lbs. $1.75, 10 lbs. $3.00, 25 lbs. $6.75, 50 lbs. $12.00.

Bordeaux Paste. A most convenient preparation. Lb. 35c., 5 lbs. $1.40, 10 lbs. $2.50.

Bug Death Aphis. For sucking insects, lice, aphis, flea, beetles, and fungus, this preparation is offered with full confidence in its protective as well as destructive power. There is no place where it can work injury, its sole mission being to protect and to save. 12-oz. pkg. 20 cts.

Bug Death. A fungicide, insecticide, and plant-food combined. Apply with duster or powder gun. Lb. 20 cts., 3-lb. pkg. 50 cts., 5-lb. pkg. 75 cts., 12½-lb. pkg. $1.40, 100 lbs. $8.75.

Copper Solution. A preventive for black rot, brown rot, and downy mildew of the grape, pear leaf-blight, tomato black rot, carnation rust, etc. Qt. $1.30, gal. $3.65.

Cyanogas (Calcium Cyanide). "G" for fumigating. "A" for dusting. This effective chemical is used for greenhouse and nursery stock fumigation, rodent control, and orchard dusting. Lb. 60 cts., 5 lbs. $2.50, 25 lbs. $8.50, 100 lbs. $25.00.

Dichloricide. Lb. 75 cts.

Formaldehyde. For disinfecting seeds, bulbs, etc. 16-oz. bottle, 45 cts.

Fungine. Destroys mildew, rust and other fungi. ½pt. 40 cts., pt. 65 cts., qt. $1.00, gal. $3.00.

Grape Dust. For mildew, mold, and rust. 5 lbs. 85 cts., 10 lbs. $1.65, 25 lbs. $3.75.

Hellebore, Best Grade, Powdered. For currant worms, etc. Lb. 50 cts.

Kerosene Emulsion, Liquid. For scale, plant lice, and aphis. Qt. 75 cts., gal. $2.00, 5 gals. $8.50.

Kayso simplifies the problems of pest control—helps you grow better fruit, nuts, plants, and vegetables at lower cost. Kayso keeps the spray from washing off. 10 ozs. 30 cts., 1½ lbs. 45 cts., 10 lbs. $2.50, 50 lbs. $11.00, 100 lbs. $19.00.

Lemon Oil. Destroys mealy bug, brown and white scale, thrip, etc. ½pt. 40c., pt. 65c., qt. $1.10, ½gal. $1.85, gal. $3.10.

Lime-Sulphur Solution, Liquid. The most generally satisfactory and effective of all dormant sprays; a safe and sure destroyer of all kinds of scale, as well as peach leaf-curl, bud-moth, apple-aphis, blister-mite, peach-worm, bark-lice, etc.; also an effcient fungicide. It is strictly a dormant spray and should not be applied while the trees are in leaf. Fruit trees and shrubs of all kinds should be sprayed every spring at the time the buds begin to swell but before they show green at the tips. Badly infested trees should be sprayed twice a year—once in early spring and again in the fall as soon as the leaves have fallen. Cheap and easy to apply, and has absolutely no injurious accumulative effect as do many of the "oil-sprays." For all ordinary spraying should be diluted with 8 to 9 gallons of cold water to 1 gallon of the Lime-Sulphur solution. Put up in tin packages and oak barrels. Qt. 40 cts., ½gal. 65 cts., gal. 85 cts., 5 gals. $3.25, 30-gal. bbl. $9.60, 50 gals. $14.00.

"NICO-FUME"
Liquid
"FREE" NICOTINE
ONE POUND
PRICE

Nicofume Liquid. For spraying and vaporizing. ¼lb. 75 cts., lb. $2.25, 4 lbs. $8.00, 8 lbs. $15.00.

Nicofume Paper. For fumigating. Strips of paper strongly saturated with nicotine. Can (24 sheets) $1.25, 144 sheets $5.50, 288 sheets $10.00.

Nikoteen. Used as a spray to protect plants, shrubs, blooms, trees, and all foliage from the attacks of certain insects. Two and one-half teaspoonfuls to one gallon of water is the proper spraying solution. Oz. 30 cts., 1¾ozs. 45 cts., ½lb. $1.25, lb. $2.25, 4 lbs. (40 per cent solution) $8.75, 8 lbs. (40 per cent solution) $15.50.

Para-Dichlorobenzine. 1-lb. can 60 cts., 5-lb. can $2.50, 10-lb. can $4.50, 25-lb. can $12.00.

Paris Green. More extensively used for killing potato bugs than any other poison. ¼lb. 25 cts., ½lb. 40 cts., lb. 65 cts.

Potato Scab Destroyer. Pt. 75 cts.

Pruning Compound. Qt. $1.00, gal. $2.50.

Rat Corn. Kills rats and mice without odors. Guaranteed. Small size, 25 cts.; large size 50 cts.

Rat Poison (Barium Carbonate). A tasteless and odorless mineral recommended for killing rats. Pkg. 25 cts.

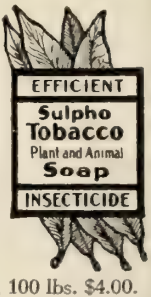
Readeana. Prepared especially for spraying flowers, plants, and shrubbery. 24-oz. can $1.25, gal. $4.00.

Scalecide. For destroying San José and other scale insects on the bark of trees. Spray when trees are dormant. Qt. 75 cts., gal. $2.00, 5 gals. $6.50, 10 gals. $11.00, 30-gal. bbl. $28.00, 50-gal. bbl. $40.00.

Seed Protector. Bottle $1.00.

Soap, Getz-There. Gal. $1.50, 5 gals. $6.75.

Slug-Shot. Destroys potato and other bugs. Use with powder gun or bellows. Lb. 25c., 5 lbs. 60 cts., 10 lbs. $1.10, 25 lbs. $2.65.



Soap, Sulpho-Tobacco. A combination of tobacco extract and sulphur, excellent for washing and spraying plants; dissolve in warm water. 3-oz. pkg. 10 cts., 8-oz. 25 cts., lb. 40 cts.

Soap, Fish-Oil. Destroys insects on plants, trees, etc. Lb. 25 cts., 5-lb. can $1.00, 10-lb. can $1.60, 50-lb. can $6.00.

Sulphur. For mildew on plants, etc. Lb. 10 cts., 5 lbs. 45 cts., 25 lbs. $1.25, 100 lbs. $4.00.

Thrip Juice (Hammond's No. 2). Very effective in destroying thrips on grapes, aphis, red spider, mealy bug, soft scale and other sucking insects. Dilute with from 16 to 40 parts water. Pt. 75 cts., qt. $1.25, gal. $3.50.

Tobacco Dust, Fine. For green and black aphis, flea-beetles, etc. Splendid fertilizer and preventative for insects in the ground and around roots. Lb. 10 cts., 5 lbs. 45 cts., 25 lbs. $2.00, 100 lbs. $7.00.

Tobacco Dust, Coarse. Lb. 10 cts., 5 lbs. 45 cts., 25 lbs. $2.00, 100 lbs. $7.00,

Tobacco Stems (Fresh). Used for fumigating and as a fertilizer. 100 lbs. $1.75, ton $20.00.

Tree Paint, Dryad. An effective remedy for diseased trees and shrubbery. Qt. 90 cts., gal. $2.50.

Tree Tangle-Foot. Protects trees from canker worms, cutworms, etc. Lb. 50 cts., 5 lbs. $2.50, 10 lbs. $4.50, 20 lbs. $8.00.

Vermine. Will destroy the white grub, eel, wire-worms, etc. ¼pt. 25 cts., ½pt. 40c., pt. 65 cts., qt. $1.00, gal. $3.00.

"HERBICIDE"

THE WEED EXTERMINATOR

For Paths, Cobble
Gutters, Drives,
Tennis Courts etc.

Herbicide. Qt. 70 cts., ½gal. $1.20, gal. $2.00, 5 gals. $8.00, 10 gals. $15.00, 30-gal. drum $33.00, 50-gal. bbl. $50.00.

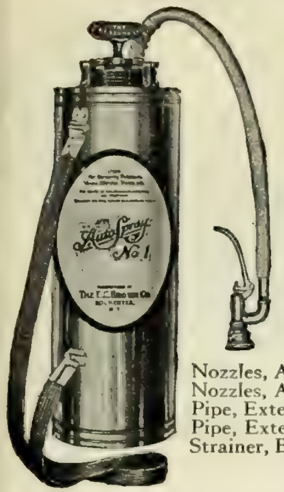
New White-Fly Vapor. A sure and safe cure for white-fly on most of the flower and vegetable plants. Read carefully directions on can before using on any plants. Qt. $2.50, ½gal. $4.00, gal. $6.50. One Flannelette free with each package. Extra Flannelette, each 50 cts.

Wilson's O. K. Plant Spray. ½pt. 40 cts., qt. $1.00, gal. $3.00, 5 gals. $10.00, ½ bbl. $50.00, bbl. $90.00.

X-L-All. Kills mealy bug, red spider, and all insect pests. Qt. $2.50, ½gal. $4.50, gal. $8.00.

WHY BUGS LEAVE HOME
WILSON'S
OK
PLANT SPRAY

KNAPSACK AND BUCKET STYLE SPRAYERS



AUTO SPRAYER No. 1

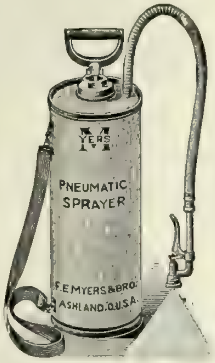
Eight to ten strokes of plunger rod in air-chamber will compress enough air to discharge the entire contents of 3 gallons, and make a continuous spray for nine minutes. Every Auto Sprayer is tested to carry 60 pounds pressure and should be operated in even strokes and not in jerks. An excellent all-round Sprayer. Weight, 18 pounds, packed.

	Each
No. 1B. Brass Tank with Auto Pop Nozzle	$9 50
No. 1D. Galvanized Tank with Auto Pop Nozzle	6 50
No. 50D. Galvanized Tank with Nozzle	5 40
Elbow, Brass	35
Nozzles, Auto Pop with Hose and Fitting	2 00
Nozzles, Auto Pop without hose	1 50
Pipe, Extension, Brass, 2-foot lengths	50
Pipe, Extension, Steel, 2-foot lengths	40
Strainer, Brass $1.25; Galvanized	60

COMPRESSED-AIR SPRAYER No. 296

A powerful Sprayer with a D-shaped handle and special nozzle with a small lever by which the spray can be adjusted from a broad, fine spray into a long distance spray of 25 feet. Valve simple and effective. Galvanized Tank. $6.50.

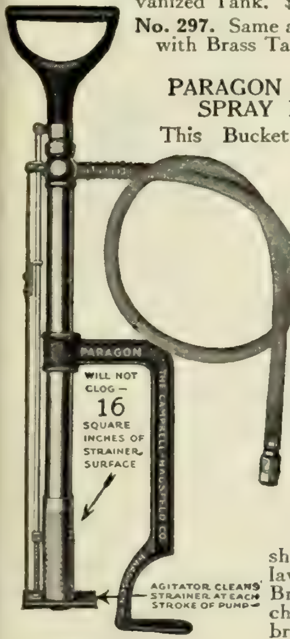
No. 297. Same as No. 296 but with Brass Tank. $8.00.



Compressed-Air Sprayer No. 296

PARAGON BUCKET SPRAY PUMP

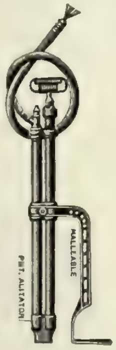
This Bucket Pump will handle any spraying solution, water paint and whitewash. The valves are of the ball type and are of brass. The pump cylinder and body is brass as well as the plunger rod. The foot rest is malleable iron. Complete with three nozzles and 36 inches of spray hose, $7.50.


PARAGON
WILL NOT CLOG — 16 SQUARE INCHES OF STRAINER SURFACE
THE CAMPBELL-HAUSFELD CO
AGITATOR CLEANS STRAINER AT EACH STROKE OF PUMP

Paragon

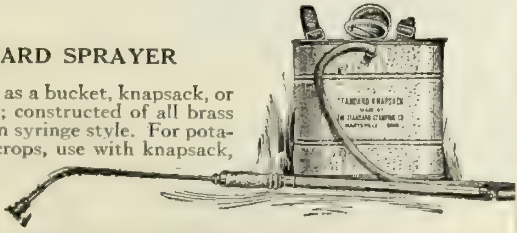
LITTLE GIANT

Excellent for spraying shrubs and trees, sprinkling lawns, whitewashing, etc. Brass cylinder and air-chamber side by side, with brass ball valves and malleable foot-rest. $4.50.



Little Giant

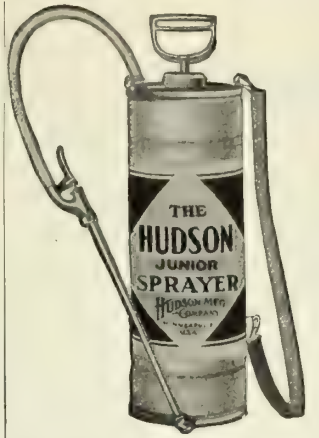
STANDARD SPRAYER



Can be used as a bucket, knapsack, or barrel Sprayer; constructed of all brass and operated in syringe style. For potatoes or truck crops, use with knapsack, the potato attachment sprayer, and bucket hose.

Knapsack style $9.50, Bucket style $5.50, Potato Extension 90 cts.

HUDSON JUNIOR SPRAYER



The Junior Sprayer is made for the man who needs a medium-sized high-pressure Compressed Air Sprayer. It is particularly adapted for the backyard garden or small truck farm, for use around the chicken-house, in the dairy-barn, hog-pen, or for disinfectants in hotels, restaurants, theaters, and other public buildings. Tank is either rust-resisting copper bearing galvanized or prime brass sheet, as ordered. Capacity, approximately 2½ gallons. Pump is seamless brass. Attaches to tank by a brass threaded cap operated by turning the "D" handle. Nozzle is all brass, automatic in operation. Operates perfectly under all pressures. Can be fitted with an extension rod if desired.

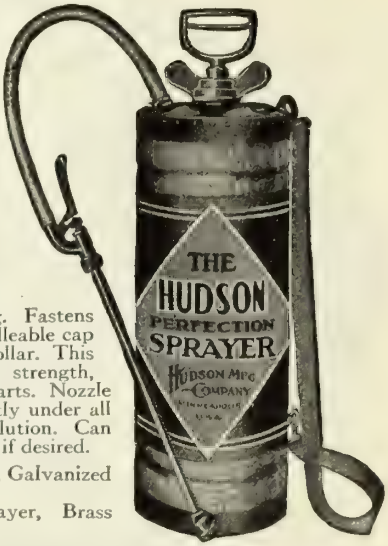
No. 142G. Junior Sprayer, Galvanized Tank, $5.40.
No. 142B. Junior Sprayer, Brass Tank, $8.00.

HUDSON PERFECTION SPRAYER

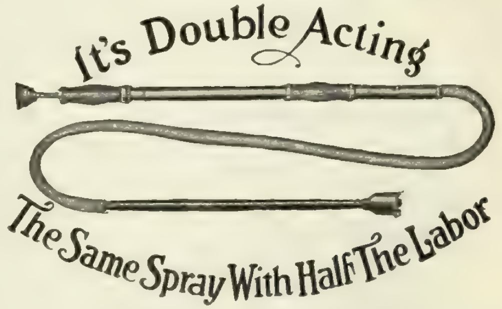
For general high-pressure purposes, the Perfection is the very best. Easily operated and economical to use for white-washing, disinfecting, deodorizing, cold-water painting, etc. Best materials, best construction, and best quality throughout.

Tank is either brass or rust-resisting copper bearing steel sheet. Capacity 4 gallons. Pump is seamless brass tubing. Fastens to tank by heavy threaded malleable cap which screws onto brass tank collar. This unit construction, combines strength, simplicity and easy access to parts. Nozzle is automatic, operating perfectly under all pressures. Will handle any solution. Can be fitted with an extension rod if desired.

No. 110G. Perfection Sprayer, Galvanized Tank, $6.75.
No. 110B. Perfection Sprayer, Brass Tank, $10.00.



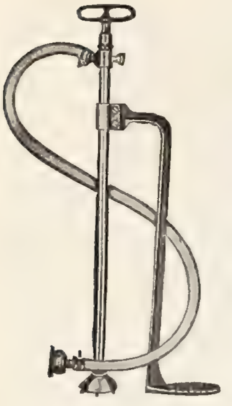
No. 5 AUTO-SPRAY PUMP


It's Double Acting
The Same Spray With Half The Labor

An ideal all-purpose hand sprayer made entirely of brass. It is double acting, producing a continuous spray and will generate a pressure of 200 lbs. Can be supplied with galvanized steel or brass Knapsack tank or may be used in connection with a bucket. Equipment includes 4 nozzles of special design for variety spraying. **Uses:** For the spraying of trees, shrubs, vines, field crops; for handling whitewash and disinfectants, washing automobiles, windows, fire fighting and other purposes.

	Each
Auto-Spray No. 5 Pump, nozzle, hose, and strainer	$4 50
Galvanized Knapsack, 3½ gals	3 00
Brass Knapsack, 3½ gals	6 00

SPRAY PUMPS AND SPRAYERS



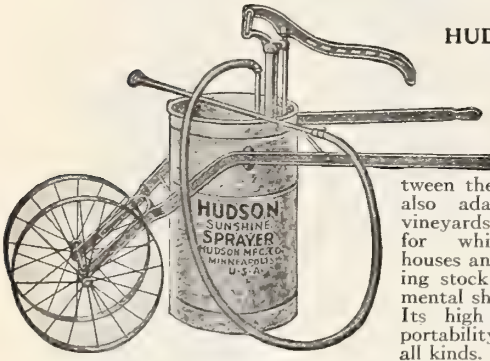
AUTO-SPRAY No. 6

A powerful bucket pump which easily generates a pressure of 200 pounds per square inch. It is double acting producing a continuous spray. Made of brass, equipped with a brass suction strainer as well as a strainer in the nozzle. The pump is equipped with a foot rest 16 inches high enabling the operator to use almost any bucket or container. This is an advantage, as it does not necessitate the use of a special bucket. So constructed that it may be taken apart and reassembled without the use of tools of any kind.

The Auto-Spray No. 6 is regularly equipped with four nozzles of special design for variety spraying. The same as furnished with the Auto-Spray No. 5.

Uses—For spraying field crops, shrubs, vines, poultry houses, for removing wall paper, disinfecting, whitewashing, creosoting shingles, applying floor oils and for general purposes. Auto-Spray No. 6, complete $4.50.

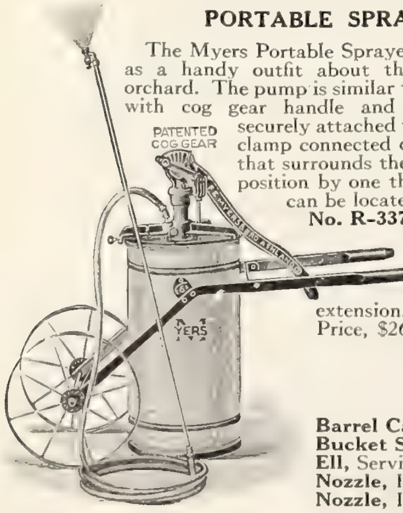
Truck and Barrel Style Sprayers



HUDSON SUNSHINE SPRAYER

Fits the needs of the florist or nurseryman, because its width permits its use between the narrow rows. It is also adapted for orchards, vineyards, and truck-gardens; for whitewashing poultry-houses and dairy-barns; spraying stock dips, treating ornamental shrubbery, flowers, etc. Its high pressure and easy portability adapt it for work of all kinds. Its two-wheeled construction enables it to be used on hillsides or on uneven ground without danger of tipping.

Pump is fitted with dasher type agitator driven by each stroke of the plunger. Valves are bronze balls mounted in a brass cage, accessible without dismantling the pump. Cylinder is seamless brass. Air-chamber has ample capacity for high pressure and steady discharge. Tank is heavy-gauge copper bearing galvanized steel; capacity 12½ gallons. Discharge equipment consists of 5 feet of ⅜-inch 5-ply spray hose, 2-foot iron pipe extension and angle spray nozzle. No. 36. Sunshine Sprayer, $14.50.



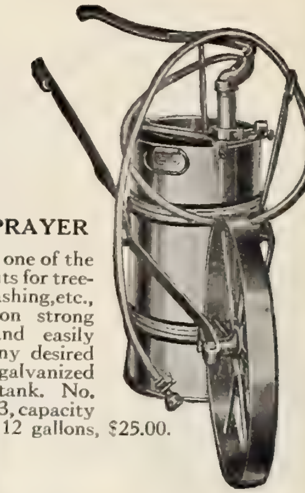
PORTABLE SPRAYER R-337-B

The Myers Portable Sprayer is made for general use as a handy outfit about the home, greenhouse, or orchard. The pump is similar to our No. R-318-B, fitted with cog gear handle and dasher agitator. It is securely attached to the tank by means of a clamp connected direct to the channel iron that surrounds the top of the tank held in position by one thumb screw. The handle can be located at any point desired.

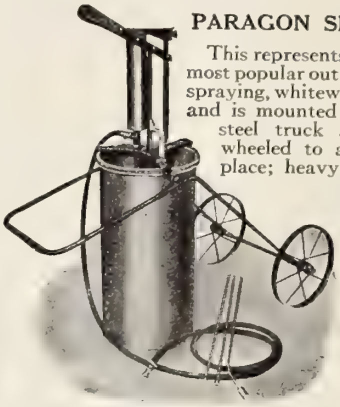
No. R-337-B, complete as shown in illustration, with dasher agitator, 15 feet ½-inch 5-ply discharge hose, 8-foot extension, and Vermorel nozzle. Price, $26.00.

AUTO SPRAY No. 3-D

General purpose orchard, field, and whitewash sprayer. The Pump itself is on the principle of a force Pump and will generate a pressure of at least 150 pounds to a square inch. Auto Spray No. 3-D, galvanized tank, capacity 12 gallons, with truck, 20-inch wheel, $21.00.



Auto-Spray No. 3-D



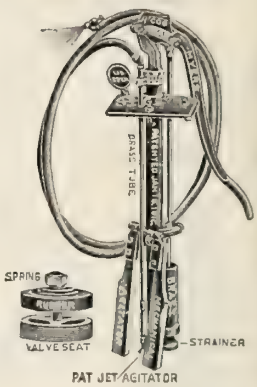
Paragon Truck Sprayer

PARAGON SPRAYER

This represents one of the most popular outfits for tree-spraying, whitewashing, etc., and is mounted on strong steel truck and easily wheeled to any desired place; heavy galvanized tank. No. 3, capacity 12 gallons, $25.00.

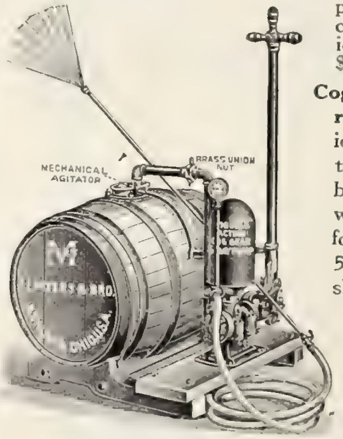
Barrel Spray Pumps

Cog-Gear Barrel Pump No. R-318-B. Throws a uniform, constant and elastic spray. Very powerful and easily operated. Brass cylinder and discharge pipes. Complete with 15 feet of hose, nozzle and agitator (without barrel), $15.00.



Barrel Spray Pump No. R-318-B

O. K. Cog-Gear Barrel Pump No. R-308-B. For hot, cold, or any kind of mixture. Special plunger construction, together with cog-gear enables operator to carry 200 or more pounds of pressure. Complete with 15 feet of 7-ply discharge hose, nozzle and mechanical agitator (without barrel), $26.00.



Barrel Spray Pump No. R-316-B

Cog-Gear Double-Acting Barrel Sprayer No. R-316-B. An ideal outfit for spraying potatoes, etc. Compact and strongly built; will set in ordinary farm wagon box. Capacity sufficient for 8 nozzles. Complete, with 50-gallon barrel mounted on skids, pressure gauge, 15 feet of 7-ply discharge hose, nozzle and two 8-foot pipe extensions with lever shut-offs, $50.00.

Write for prices on high pressure sprayers for large orchards.

Miscellaneous Attachments and Accessories

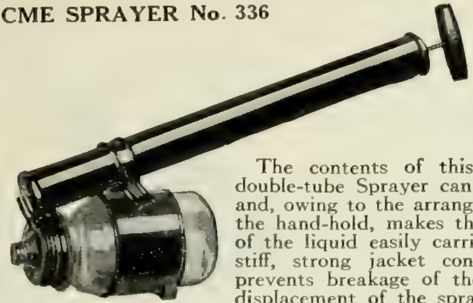
Barrel Cart, Steel (Barrel not included)	$15 00
Bucket Strainer	5 50
Ell, Service, ¼in., 45 degrees. Brass	50
Nozzle, Bordeaux	1 00
Nozzle, Imperial	85
Nozzle, Standard	$1 10
Nozzle, Vermorel	1 45
Nozzle Strainer	1 65
Rods, Steel Extension, 10-ft. lengths, with Stop-cock, 45 degree Ell, 2 Grips and Drip-guard.	5 75

SPRAY PUMPS AND SPRAYERS

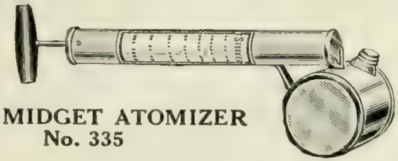
Prices subject to change
without notice

Hand Sprayers and Dusters

ACME SPRAYER No. 336



The contents of this famous double-tube Sprayer can be seen and, owing to the arrangement of the hand-hold, makes the weight of the liquid easily carried. The stiff, strong jacket construction prevents breakage of the jar, or displacement of the spraying adjustment. Double tubes give a large dense spray. Made with zinc cap and canscrew. 45 cts.

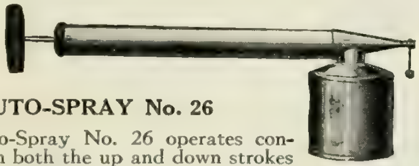


ACME MIDGET ATOMIZER
No. 335

A small, compact, substantial, and very efficient Sprayer. Throws a fine, dense, uniform spray, and is an indispensable aid to the florist and housewife. Made of charcoal tin plate. Capacity, 1 pint. 35 cts.

AUTO-SPRAY No. 22A

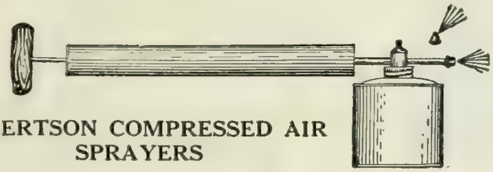
Built of heavy 107-pound tin and has one quart capacity. All tin. 40 cts.



AUTO-SPRAY No. 26

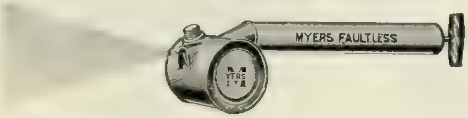
The Auto-Spray No. 26 operates continuously on both the up and down strokes and throws a fine misty spray. Will handle all solutions, insecticides, and disinfectants.

No. 26-A. All tin; 1 qt	$0 85
No. 26-C. All brass; 1 qt	1 30



ROBERTSON COMPRESSED AIR SPRAYERS

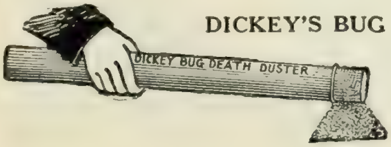
Tin; 1 qt	$1 00
Brass; 1 qt	2 00


MYERS FAULTLESS
M
YERS

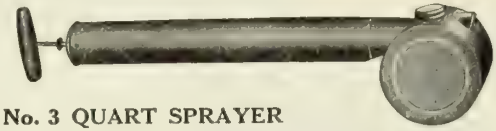
VAPORIZING FAULTLESS SPRAYERS

No. 1. Tin; 1 qt	$0 50
No. 2. Brass; 1 qt	1 25

DICKEY'S BUG DEATH DUSTERS

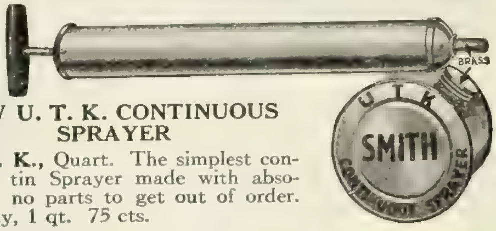

DICKEY BUG DEATH DUSTER

For distributing insecticides, 50 cts.



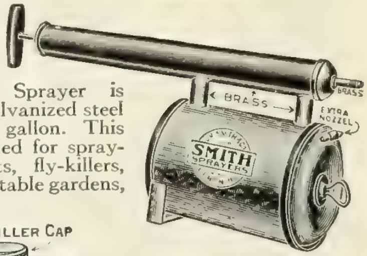
No. 3 QUART SPRAYER

No. 3. A good, strong, well-made, tin Sprayer for spraying potatoes, garden vegetables, disinfectants, etc. Capacity, 1 qt. 50 cts.


BRASS
U T K
SMITH
CONTINUOUS SPRAYER

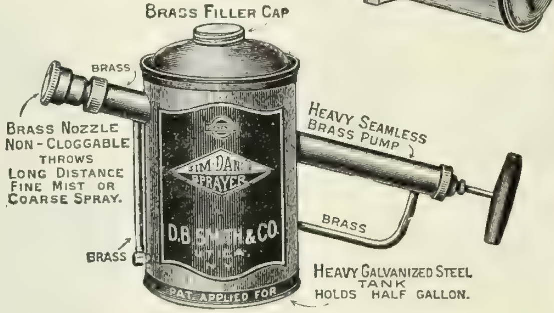
NEW U. T. K. CONTINUOUS SPRAYER

U. T. K., Quart. The simplest continuous tin Sprayer made with absolutely no parts to get out of order. Capacity, 1 qt. 75 cts.


BRASS
BRASS
EXTRA NOZZEL
SMITH SPRAYERS

SPEEDEX COMPRESSED-AIR SPRAYER

Speedex Compressed-Air Sprayer is made with brass pump and galvanized steel tank, capacity being one-half gallon. This Sprayer is highly recommended for spraying insecticides, disinfectants, fly-killers, shrubbery, flowers, small vegetable gardens, etc. $3.00.

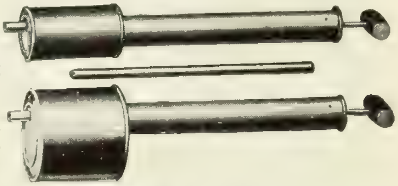

Brass Filler Cap
Brass
Brass Nozzle Non-Cloggable Throws Long Distance Fine Mist or Coarse Spray.
Heavy Seamless Brass Pump
Jim-Dandy Sprayer
D.B. Smith & Co.
Brass
Brass
Heavy Galvanized Steel Tank Holds Half Gallon.
Pat. Applied For

JIM-DANDY SPRAYER

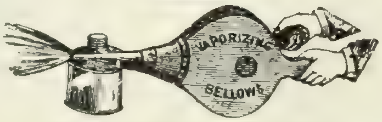
For spraying flowers and vegetables, vines, fruit trees and shrubbery. Also for whitewash, disinfectants, etc. Holds half gallon of spray solution. Weight, empty, 2 pounds; when loaded, 6 pounds.

Brass Tank	$3 75
Galvanized Tank	3 00

BROWN DUSTER



No. 2. An excellent general purpose dusting outfit for handling dry powder and chemicals. A new model, built on an entirely new principle. Pt. $1.00, qt. $1.20.

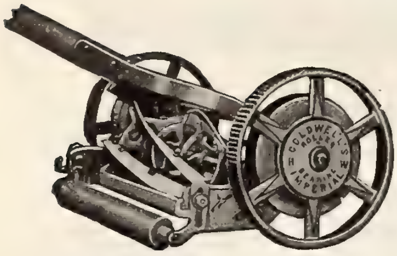

VAPORIZING
BELLOWS

WOODASON'S BELLOWS

Small, Single Cone, Powder	$2 75
Large, Single Cone, Powder	4 25
Small, Liquid, Spraying	3 75
Large, Liquid, Spraying	4 25
Special, for sulphur and other powders	3 75

LAWN ACCESSORIES

COLDWELL Lawn Mowers—Hand and Power



Imperial Roller Bearing

Durable, light running, easy to push, and requiring minimum of attention to adjustments. Best Lawn Mower on the market for hard service. Five blades; Hyatt roller bearings; self oiling; enclosed in dust-proof housings.

	Each
16-inch	$21 00
18-inch	22 50
20-inch	24 00

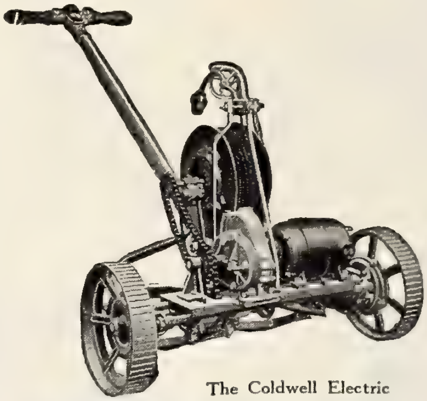
The Coldwell Electric

A simple, inexpensive power Lawn Mower. Simple, clean, and quiet. Requires no knowledge of mechanics or electricity. Any member of the family can operate it. Eliminates the drudge of mowing by hand. As easy to operate as a vacuum cleaner. Five blades; 21-inch cut. Gears enclosed and run in oil. Allyn-Zerk force-feed lubrication. Timken Tapered Roller Bearings. ½H. P., special designed, General Electric Universal Motor. Direct or Alternating current. About the same fuel consumption as for an electric iron. Capacity, ¼acre per hour. Price, F. O. B. factory, $175.00.

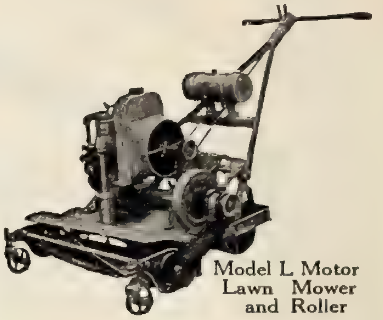
Model L Motor Lawn Mower and Roller

A practical motor-driven, hand-controlled Lawn Mower with plenty of reserve power for cutting on steep grades. Cuts close up to and around trees, shrubbery, walks, and driveways. Capacity 4 to 6 acres per day. 25-inch cutting knives. Five blades. Fuller & Johnson, 4-cycle, water-cooled, motor, Bosch magneto, Schebler carburetor, Allyn-Zerk force-feed lubrication, full width drive roller. Fuel consumption 1 gallon per day. Price, F. O. B. factory, $350.00.

When equipped with the new Gang Units will cut a 60-inch swath, increasing its cutting capacity to 10 acres per day. Easily attached and detached. Gang Units, F. O. B. factory, $60.00.



The Coldwell Electric



Model L Motor Lawn Mower and Roller

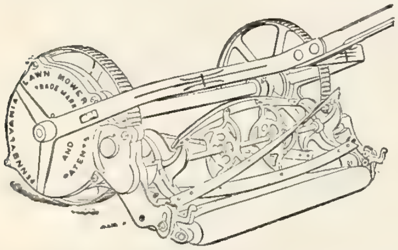
Model R Motor Lawn Mower and Roller

Same type of machine as the Model L, Fuller & Johnson Motor. Wico magneto. 25-inch cutting knives. Allyn-Zerk force-feed lubrication. Full width drive roller. Price, F. O. B. factory, $260.00. Gang Units, F. O. B. factory, $60.00.

Models G and H Motor Lawn Mower and Roller

Has been on the market since 1914. Equipped with Fuller & Johnson 4-cycle, water-cooled motor. Splitdorf magneto. Special type improved vaporizer. Fuel consumption 1 to 1½ gallon gasoline per 10 hours running. Four blades. Full width drive roller. Capacity 6 to 8 acres per day. Model H 30-inch cut, F. O. B. factory, $425.00. Model G 35-inch cut, F. O. B. factory, $475.00.

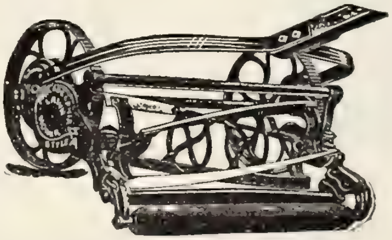
	Each
Coldwell Lakewood	
14-inch	$13 00
16-inch	13 50
Coldwell Jewel	
14-inch	9 50
16-inch	9 75
Coldwell Cadet. 12-inch	8 00



Pennsylvania High-Wheel Lawn Mowers	Each
15-inch	$28 00
17-inch	32 00
19-inch	36 00
21-inch	40 00
Wm. Penn Lawn Mower. 16-in.	16 50
Pennsylvania Golf Mowers	
17-inch	34 00
19-inch	38 00
Pennsylvania Grass-Catchers	
15-inch	2 50
17-inch	2 75
19-inch	3 25
21-inch	3 50
Pennsylvania Golf Grass-Catchers	
17-inch	8 00
19-inch	8 00

The Pennsylvania Lawn-Sweeper

	Each
24-inch Rake	$35 00
36-inch Rake	48 00



Philadelphia High-Wheel Lawn Mowers	Each
15-inch, Style A, high wheel	$24 50
17-inch, Style A, high wheel	27 00
19-inch, Style A, high wheel	30 00
21-inch, Style A, high wheel	34 75

Philadelphia Grass-Catchers	Each
15-inch	$3 50
17-inch	4 25
19-inch	4 80
21-inch	5 50

Johnston Pressed Gear Lawn Mower

All steel; easy to run; hard to break.

14-inch, Style A	$18 00
16-inch, Style A	20 00
18-inch, Style A	22 50
20-inch, Style A	25 00

Perfection Grass-Catchers

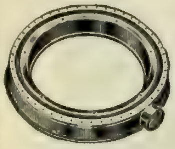
No. 151	$1 15
No. 156	1 25

Lawn-Trimmers and Edgers

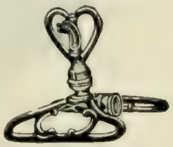
The Coldwell	$11 50
The Philadelphia	12 00

LAWN ACCESSORIES

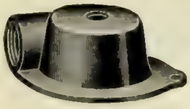
Lawn Sprinklers


Brass Ring

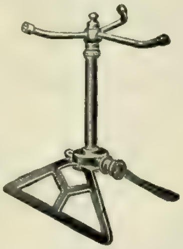
Brass Ring. Works best where the pressure is high and is so strongly crimped together that it cannot be forced apart even under the heaviest pressure. 85 cts. each.


Busy

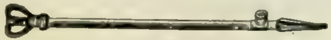
Busy. Under 35 pounds pressure at the hydrant, Busy Sprinkler will cover a circle 30 feet in diam. $1.25 ea.


Cheap, but Good

Cheap, but Good. We believe this Sprinkler will meet with ready sale on account of its great efficiency and low price. 75c. each.

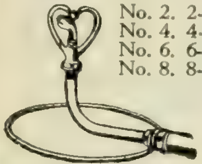

Cyclone

Cyclone. This 3-arm Sprinkler presents a dignified and favorable appearance when in operation and throws an attractive spray under high pressure. $2.25 each.


Hartford

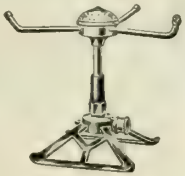
Hartford. This Sprinkler is made in four sizes, the 2 and 4-foot sizes for private homes and the larger sizes for vegetable-gardens and public grounds.

	Each
No. 2. 2-ft. high	$0 95
No. 4. 4-ft. high	1 10
No. 6. 6-ft. high	1 25
No. 8. 8-ft. high	1 40

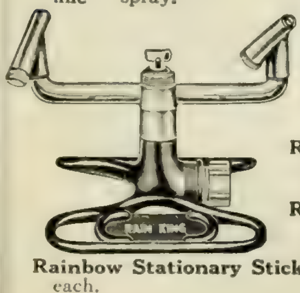

Turbine

Turbine. When desired, the sprinkler head can be unscrewed from the elbow and a spray nozzle screwed on the base, making a good nozzle holder. $1.25 each.

Universal. Recommended only where water pressure is not less than 20 pounds. A popular Sprinkler. $2.50 each.


Universal

Improved Rain King. Can be set as revolving or stationary sprinkler. Coarse or fine spray.



Most efficient sprinkler made. $3.25 each.

Rainbow Sled Stand. $2.50 each.

Rainbow Sled Stand. Midget. $1.65 ea.

Rainbow Stationary Sled Stand. 90c. ea.

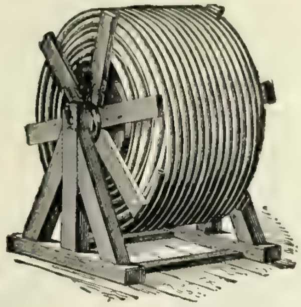
Rainbow Stationary Stick Stand. $1.25 each.

LAWN SPRINKLERS, continued

Giant Rain King. Stands 4 feet high and has four 20-inch arms. $8.50 each.

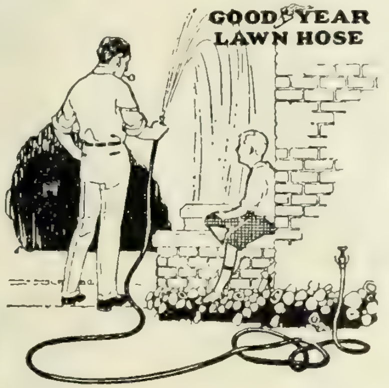
Two-Purpose Rain King. When used as a hose nozzle, quickly adjusted from a long solid stream to the finest mist. Changed in an instant to an ornamental garden sprinkler. $1.75 each.

Lawn and Garden Hose



Beckert's Seed Store Brand. An extra high-grade, long-wearing rubber Hose, made especially for us. We handle it in large quantities and are able to offer it at exceptionally low prices. ½-inch, 50-foot lengths, with couplings $8.00; ¾-inch, 50-foot lengths, with couplings $9.50.

Spray Hose. ⅜-inch, 15 cts. per foot; ½-inch, 16 cts. per foot.



Goodyear Garden Hose

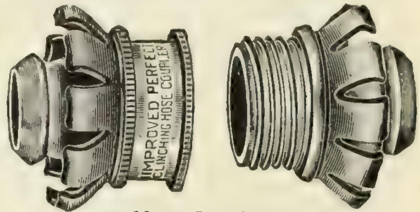
Wingfoot. It is of moulded, 2-braid construction, and the tube is extremely tough and will withstand the constant kinking and twisting to which lawn Hose is subjected. ⅝-inch, 16 cts. per ft.; 25-ft. lengths coupled, $4.50; 50-ft. lengths coupled, $8.50.

Style 1925. This is a black corrugated Hose of moulded, 2-braid construction. Slightly lighter than Wingfoot. ⅝-inch, 15 cts. per ft.; 25-ft. lengths coupled, $4.25; 50-ft. lengths coupled, $8.00.

Pathfinder. This Hose is designed for the man who wants a good moulded hose, and who likes red hose, for Pathfinder is red corrugated. ⅝-inch, 15 cts. per foot.

All Goodyear Lawn Hose, shipped to you in 25-foot and 50-foot lengths complete with couplings, is wrapped in individual coils by means of crepe paper tape similar to the manner in which automobile tires are wrapped for shipment. This neat and compact package is then labeled with the brand name and the size of the Hose.

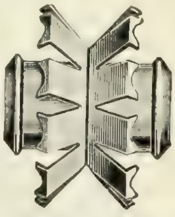
Hose Menders and Nozzles

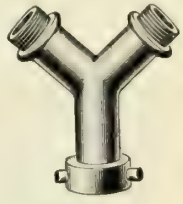


Hose Couplings

HOSE COUPLINGS, Perfect Clinching.

	Each	Doz.
Brass. ½-inch	$0 25	$2 85
¾-inch	25	2 85

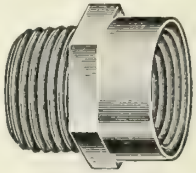

Hose Mender

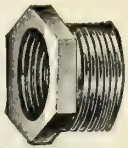

Hose "Y" Connection

HOSE-MENDERS, Perfect Clinching.

	Each	Doz.
½-inch	$0 15	$1 25
¾-inch	15	1 25
Cooper's Brass. ½-inch	15	90
¾-inch	15	90

HOSE "Y" CONNECTION. ¾-inch only, $1.50.


Hose Reducer No. 1

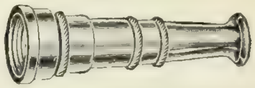

Hose Reducer No. 2

HOSE REDUCERS. To change the gauge,

No. 1, Male, Eastern Gauge, Female, Western Gauge Connection, 30 cts. each. $2.75 doz.

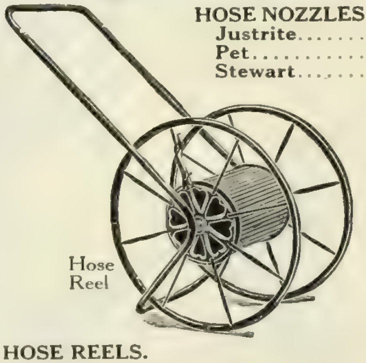
No. 2, Male, Western Gauge, Female, Eastern Gauge connection, 30 cts. each, $2.75 doz.

No. 772, Eastern Gauge to ⅜-inch, 35 cts. each, $3.50 doz.



HOSE NOZZLES.

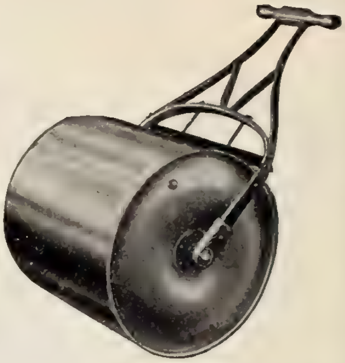
	Each
Justrite	$0 80
Pet	80
Stewart	1 50


Hose Reel

HOSE REELS.

No. 10, Style B	6 00

WATER-WEIGHT LAWN-ROLLERS



These Rollers have strong, one-piece, hollow steel drums into which water or sand can be poured until the Roller is just the right weight for any job. By varying the amount of water, the same Roller may be used on soft lawns or on the tennis-court or drives, and, when not in use and empty, it is light enough to be easily handled and stowed away in the basement or garage.

No. 2. Diam. 14 in., length 20 in., $13.50; No. 4. Diam. 18 in., length 24 in.	$16 00
No. 601. Diam. 14 in., length 24 in.; weight empty 60 lbs., filled with water 250 lbs.	17 00
No. 602. Diam. 18 in., length 24 in.; weight empty 75 lbs., filled with water 330 lbs.	20 00
No. 603. Diam. 24 in., length 24 in.; weight empty 100 lbs., filled with water 440 lbs.	23 00
No. 604. Diam. 24 in., length 32 in.; weight empty 115 lbs., filled with water 590 lbs.	26 00

Putting-Green Cast Roller. Four drums of cast-iron, each 10 inches in diameter and 12 inches wide, on one axle, making total width of Roller, 4 feet. Weight 160 pounds. $35.00.

Putting-Green Wood Roller. Four wooden drums, each 10 inches in diameter and 12 inches wide, on one axle, making total width of Roller, 4 feet. $32.00.

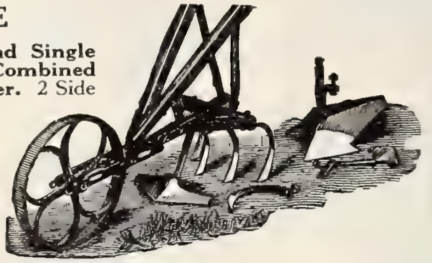
Lawn Rammer. This Lawn Rammer is in demand for the laying of sod. It is used on putting-greens and terraces; also in the spring for compacting the sod after the frost has disappeared. $5.75.

CULTIVATORS AND SEEDERS

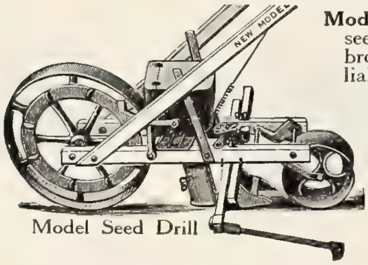
IRON AGE

No. 306. Double and Single Wheel Hoe and Combined Hill and Drill Seeder. 2 Side Hoes, 4 Cultivator Teeth, 2 Plows, 2 Vine-Lifters. $21.00.

Gem Single Wheel Hoe and Cultivator. 2 Scuffle Hoes, 2 Plows, 5 Cultivator Teeth, $7.50.



Gem Single Wheel Hoe and Cultivator



Model Seed Drill

Model Seed Drill. First-class seeder in all respects. Large, broad wheel and plain and reliable seed index. $13.50.

No. 316. Hill and Drill Seeder. No attachments. $14.00.

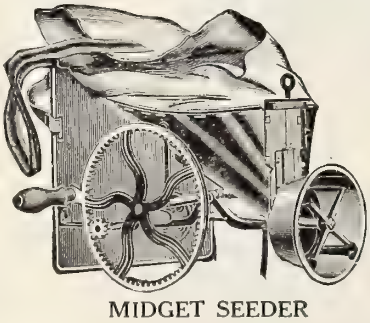
No. 334. Hill and Drill Attachment. Attached to No. 301 or 320 makes a Wheel Hoe and Hill and Drill Seeder combined. $8.00.

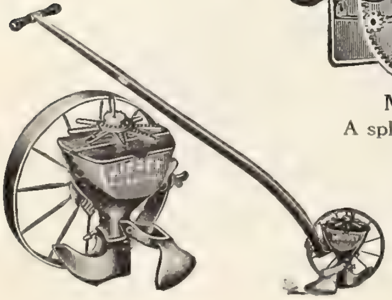
ATTACHMENTS FOR IRON AGE CULTIVATOR AND SEEDERS

Hoes, Side	Pair	$1 50	**Teeth,** Cultivator and Bolts	Set of 4	$1 50
Scuffle	Pair	1 25	**Wire Chains**	Each	45
Plow, Landside	Each	1 50	**Steel Chains**	Each	85

CAHOON SEED SOWER

The most accurate and durable hand broadcast Sower. Sows all kinds of grain and grass seed. $5.50.





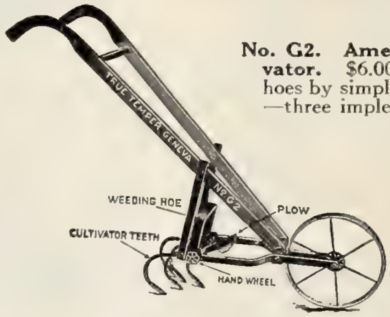
MIDGET SEEDER

A splendid Seeder for the small garden. May be easily attached to any wheel cultivator.

No. 1. Without handle, $4.00.

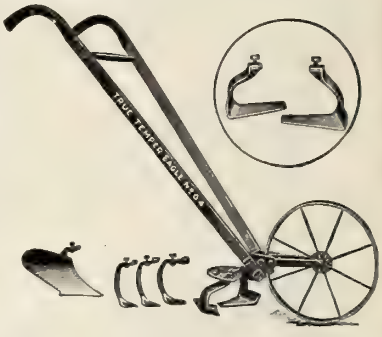
No. 1-H. With handle, $4.50.

TRUE TEMPER

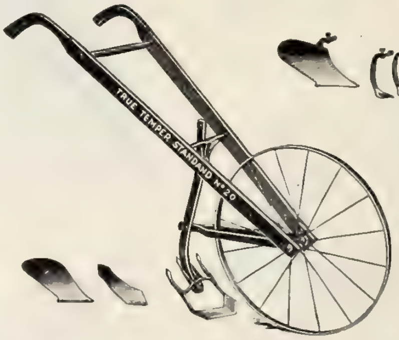


No. G2. American Gardener Cultivator. $6.00. Plows, cultivates or hoes by simply turning the hand wheel—three implements in one.

No. G4. Eagle Single Wheel Cultivator. $5.15. Made especially for market-gardeners. Full equipment of tools.



No. G1. Special Double Wheel Cultivator. $8.50. A fine substantial tool for market-gardeners, suitable also for home-gardens. Full equipment of forged steel, oil-tempered attachments.



No. 20. Standard High-Wheel Cultivator. $4.50. The most efficient high-wheel Cultivator and the easiest of all Cultivators to operate, particularly on rough ground.

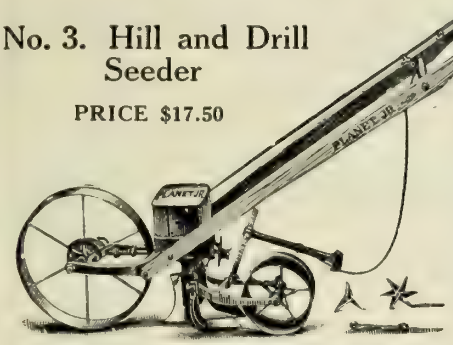
No. 14. Standard Hill and Drill Seeder. $13.25. Made especially for market-gardeners. Opens the furrow, sows the seed, covers up, rolls down and marks the next row, all in one operation. Sows any kind of seed in hills or rows with absolute accuracy.

A perfect, velvety green lawn enhances the appearance of your home and increases the value of your property. Early spring is a good time to make a new lawn or patch the old one. For a fine, lasting turf, sow *Beckert's Evergreen Lawn Seed.* For shady places, use *Beckert's Shady-Nook Mixture.* Turn to front of catalogue (page 2) for instructions on lawn making and for information and prices on lawn seed.

PLANET JR. SEEDERS AND CULTIVATORS

No. 3. Hill and Drill Seeder

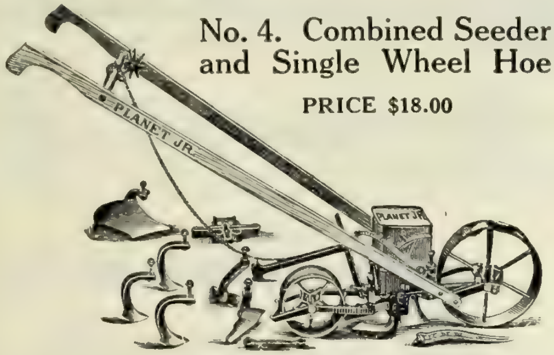
PRICE $17.50


PLANET JR.
PLANET JR.

15-inch Wheel. Holds 3 quarts. A popular size Seeder for both large and small gardens. Well-made, accurate, easily operated, quickly changed from one kind of seed to another.

No. 4. Combined Seeder and Single Wheel Hoe

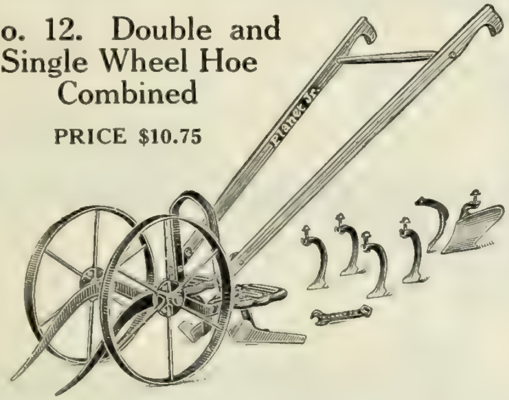
PRICE $18.00


PLANET JR.
PLANET JR.

Simple, accurate seeding attachment for either hill or drill sowing, and complete single wheel hoe. A splendid all-around tool for home or small market garden. Wheel Hoe equipment: One pair of 6-inch hoes, three cultivator teeth, one garden plow, leaf-guard, and marker.

No. 12. Double and Single Wheel Hoe Combined

PRICE $10.75



The most popular Double Wheel Hoe made. Can be quickly changed to Single Wheel Hoe if desired. Equipment: One pair of 6-inch hoes, four cultivator teeth, one pair of plows, two leaf-lifters.

JUNIOR, Boys' Size Cultivator, $2.50.

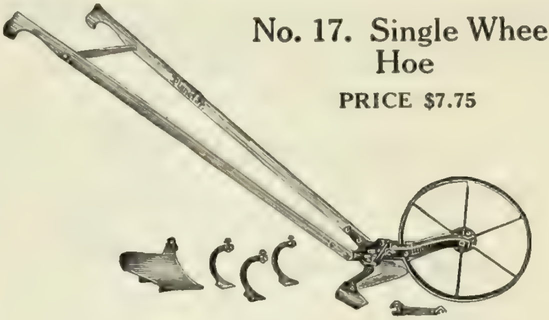
NO. 119 HIGH WHEEL GARDEN PLOW AND CULTIVATOR. Will appeal to those who prefer a high-wheel tool for their garden work. Equipment: One 1¼-inch cultivating tooth, one 4-inch cultivating tooth, one plow, one reversible scuffle blade. $4.75.

Attachments for Planet Jr.

6-inch Hoes, S100 and S101, per pair	$1 30
6-inch Hoes for peat land, per pair	2 50
No. 1935. Cultivator Teeth, each	35
Garden Plow for Single or Double Wheel Hoes, each	1 40
No. 35. Seeder Attachment for Wheel Hoes and Plows, each	6 50

No. 17. Single Wheel Hoe

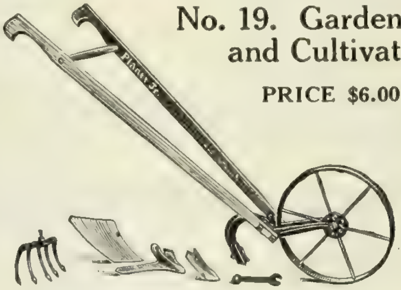
PRICE $7.75



The most useful tool in the small garden. Lighter than Double Wheel Hoes, easy to operate and does splendid work. Equipment: One pair of 6-inch hoes, three cultivator teeth, one large garden plow.

No. 19. Garden Plow and Cultivator

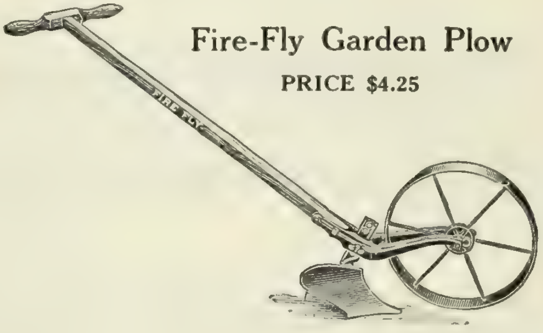
PRICE $6.00



For garden and field work. A cheap and effective tool for certain kinds of field work. Equipment: One 2-inch cultivating tooth, one 10-inch sweep, one plow, one 5-prong cultivating attachment.

Fire-Fly Garden Plow

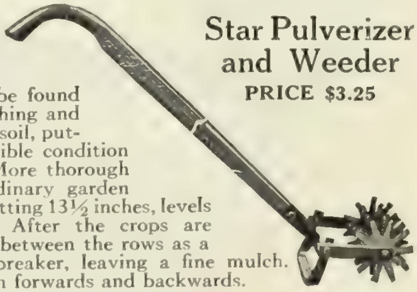
PRICE $4.25



Exceedingly useful to owners of small gardens. Will throw a furrow 4 to 6 inches wide and 3 inches deep, or deeper by going over the row twice. Useful also for covering seed and cultivating.

Star Pulverizer and Weeder

PRICE $3.25



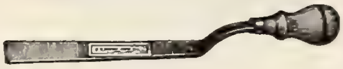
This Pulverizer will be found of great value in smoothing and fining the surface of the soil, putting it in the best possible condition for the seed planter. More thorough and rapid than an ordinary garden rake. The rear blade, cutting 13½ inches, levels the ground perfectly. After the crops are started it may be used between the rows as a weeder or as a crust breaker, leaving a fine mulch. Works equally well both forwards and backwards.

MISCELLANEOUS GARDEN TOOLS

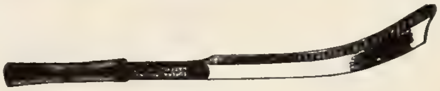
Prices subject to change without notice

> Beckert's Tools and Supplies, like Beckert's Seeds, are dependable and practical. There is nothing cheap or shoddy about them. Many are manufactured especially for Beckert's Seed Store and cannot be obtained in the same quality elsewhere.

ASPARAGUS KNIVES

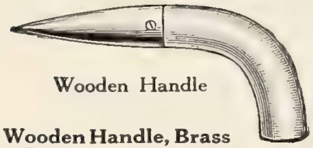


	Each
Straight Blade	$0 35

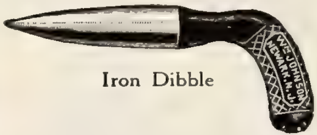


CORN KNIVES	$0 85

DIBBLES

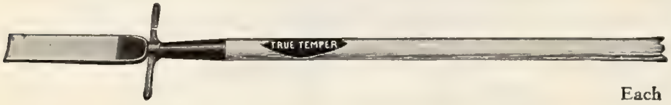


Wooden Handle



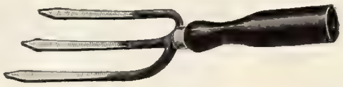
Iron Dibble

	Each
Wooden Handle, Brass Point	$0 80
Iron, Grip Handle	60
D-Handle	80
Wooden Handle, Steel point, small 55 cts., large	60

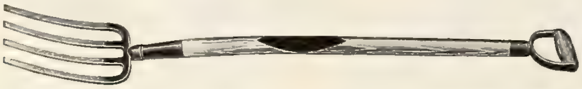


	Each
DOCK AND THISTLE CUTTER. With foot-rest	$1 30

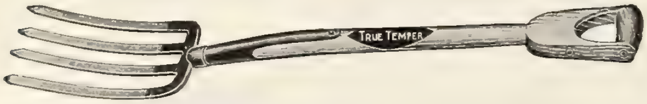
FORKS



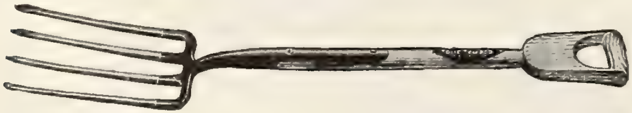
Gem. With 3 steel prongs	$0 45



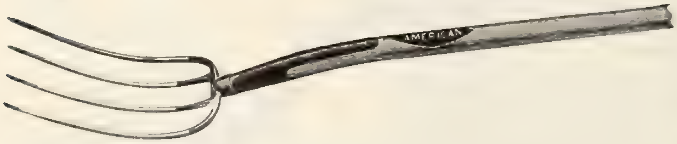
Boy's Size or **Floral Fork**	$0 90



Heavy Angular Tines. Polished	$1 85

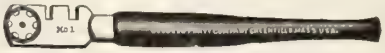


English Digging	$2 50
English Digging, All Iron	2 75



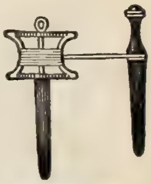
Manure. With 4 oval tines, strap ferrule	$1 65

FRUIT-PICKER. Capacity 12 small or 6 large apples. No broken limbs. $1.50 each.



GLASS CUTTER, No. 1 Turret Head, tested	$0 35

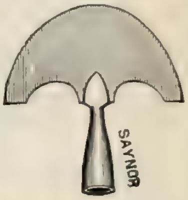
	Each
GARDEN LINE REELS. With stake	$1 50
Large size with stake	2 00



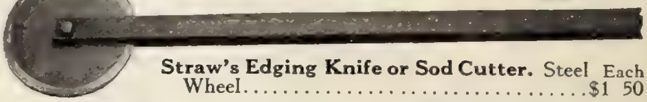
GRAFTING TOOL. High-grade steel	$1 00

GRASS EDGING KNIVES

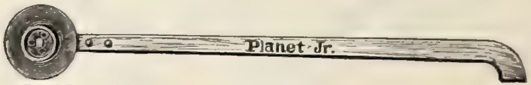
Half-Moon



	Each
English. 8 in.	$2 40
English. 9 in.	2 65
American. 9 in.	1 00

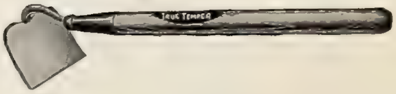


	Each
Straw's Edging Knife or Sod Cutter. Steel Wheel	$1 50

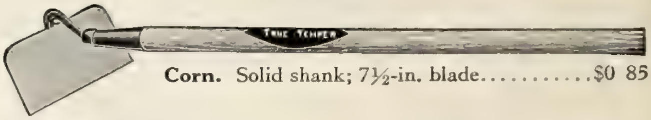


Planet Jr. No. 2 Edger	$1 50
C. & C. No. 10D	1 00

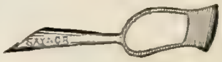
HOES



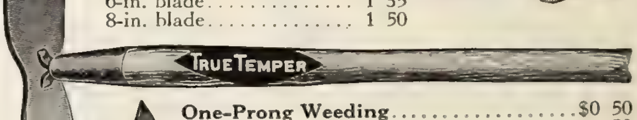
Beet, Short-Handle. 18-in. handle; 4-in. blade	$0 60



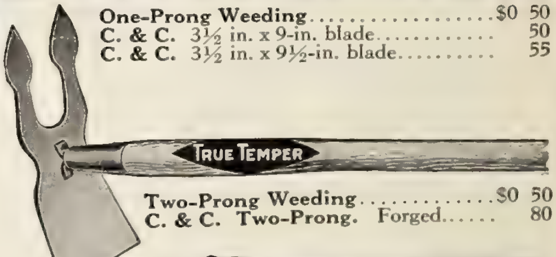
Corn. Solid shank; 7½-in. blade	$0 85



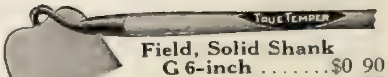
Dutch Scuffle.	Each
4-in. blade	$1 10
5-in. blade	1 20
6-in. blade	1 35
8-in. blade	1 50



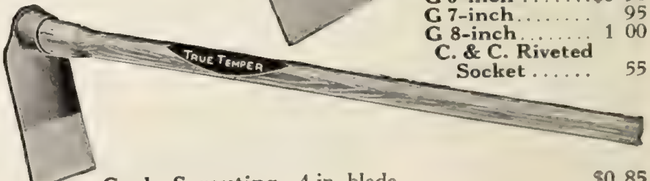
One-Prong Weeding	$0 50
C. & C. 3½ in. x 9-in. blade	50
C. & C. 3½ in. x 9½-in. blade	55



Two-Prong Weeding	$0 50
C. & C. Two-Prong. Forged	80



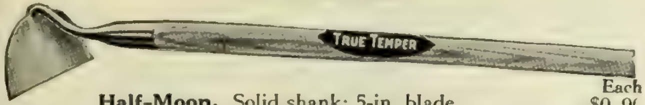
Field, Solid Shank	
G 6-inch	$0 90
G 7-inch	95
G 8-inch	1 00
C. & C. Riveted Socket	55



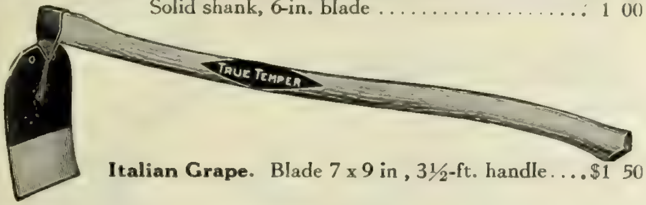
Grub, Sprouting. 4-in. blade	$0 85

MISCELLANEOUS GARDEN TOOLS, continued

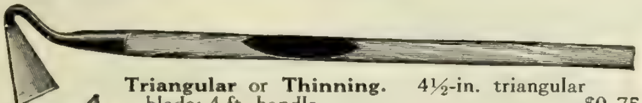
HOES, continued


TRUE TEMPER

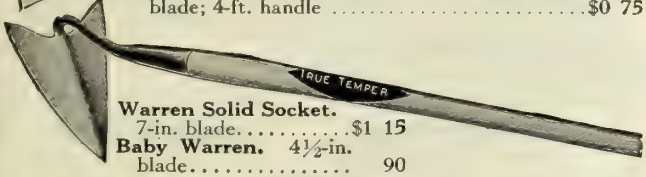
Each
Half-Moon. Solid shank; 5-in. blade... ...$0 90
Solid shank, 6-in. blade ... 1 00


TRUE TEMPER

Italian Grape. Blade 7 x 9 in , 3½-ft. handle....$1 50

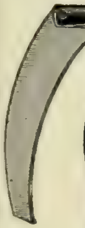


Triangular or **Thinning.** 4½-in. triangular blade; 4-ft. handle ...$0 75

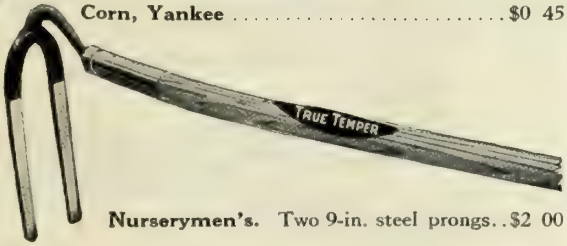

TRUE TEMPER

Warren Solid Socket. 7-in. blade...$1 15
Baby Warren. 4½-in. blade... 90

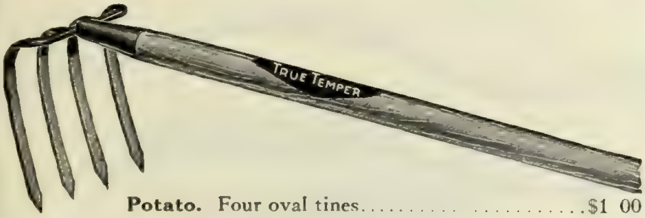
HOOKS


TRUE TEMPER

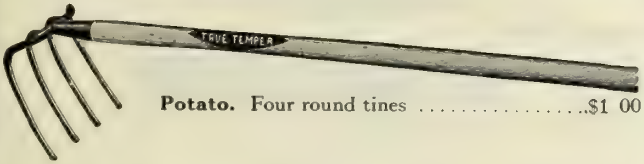
Corn, Yankee ...$0 45


TRUE TEMPER

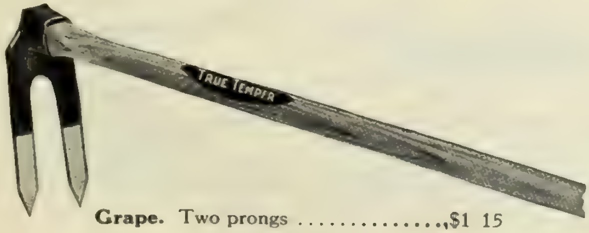
Nurserymen's. Two 9-in. steel prongs..$2 00


TRUE TEMPER

Potato. Four oval tines...$1 00

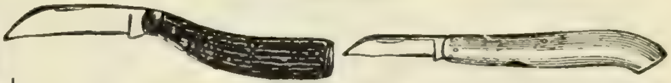

TRUE TEMPER

Potato. Four round tines ...$1 00


TRUE TEMPER

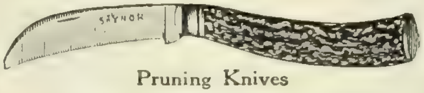
Grape. Two prongs ...$1 15

KNIVES



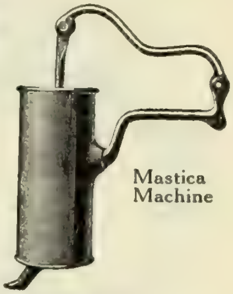
Budding Knives

	Each		Each
English No. 400–401	$4 00	**Remington No. 1707**	$2 65
English No. 916–918	3 50	**Remington No. 1687**	2 35
English No. 1018–1019	1 25	**Remington No. 1568**	1 00
American No. 2852½	85	**Remington No. 1535**	85



Pruning Knives

American. No. 2107...$1 25
Remington No. 1608... 1 00

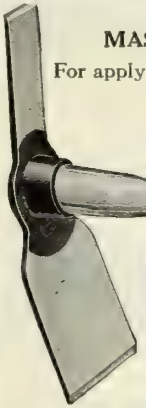


Mastica Machine

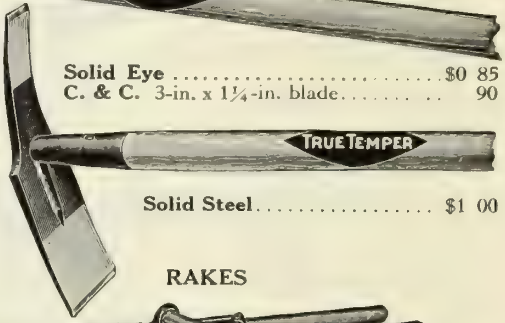
MASTICA MACHINE

For applying Mastica...$3 00

MATTOCKS

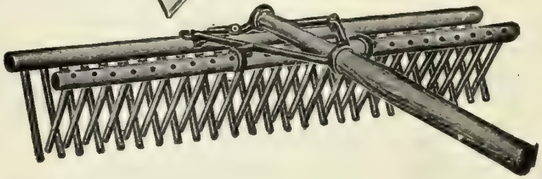

TRUE TEMPER

Solid Eye ...$0 85
C. & C. 3-in. x 1¼-in. blade... 90

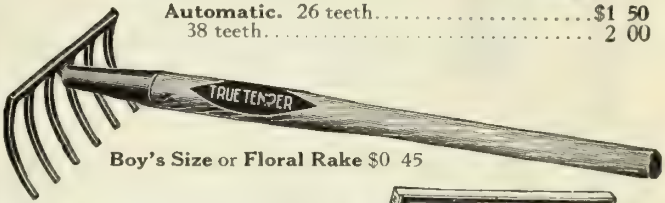

TRUE TEMPER

Solid Steel... $1 00

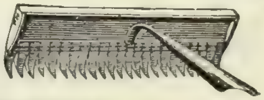
RAKES



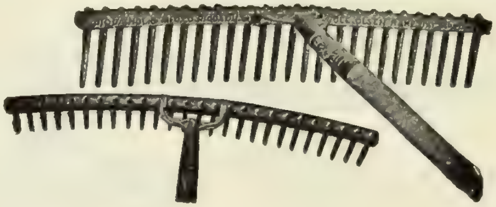
Automatic. 26 teeth...$1 50
38 teeth... 2 00


TRUE TEMPER

Boy's Size or **Floral Rake** $0 45



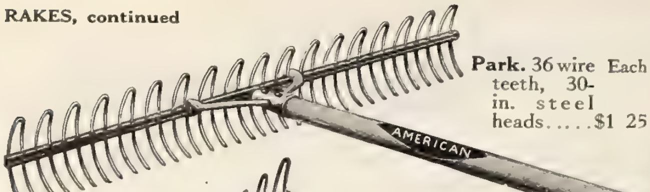
Gem, Dandelion. No. 1... $1 75
No. 2... 2 50



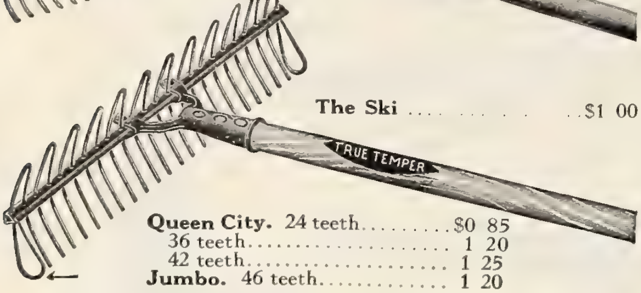
The Ole Olson, Straight...$1 00
Curved... 1 00

MISCELLANEOUS GARDEN TOOLS, continued

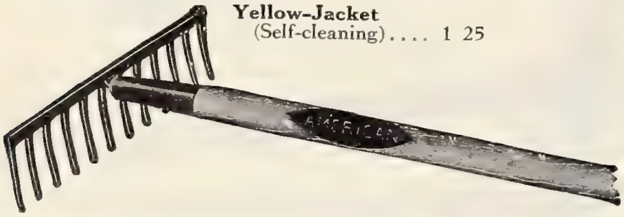
RAKES, continued



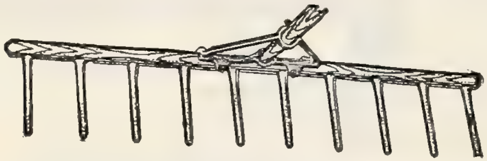
	Each
Park. 36 wire teeth, 30-in. steel heads	$1 25
The Ski	$1 00



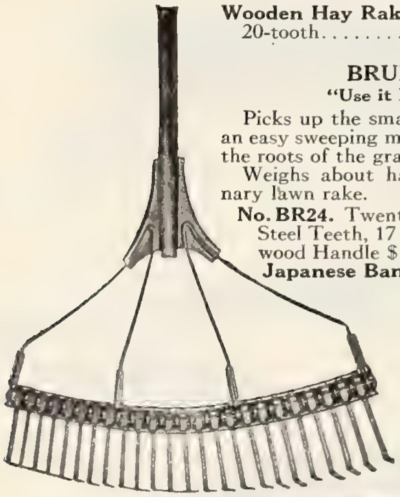
Queen City. 24 teeth	$0 85
36 teeth	1 20
42 teeth	1 25
Jumbo. 46 teeth	1 20
Yellow-Jacket (Self-cleaning)	1 25



Straight Steel, 12 teeth	$0 90
14 teeth	1 00
16 teeth	1 15



Wooden Hay Rake. 10-tooth	$0 55
20-tooth	75



BRUME-RAKE

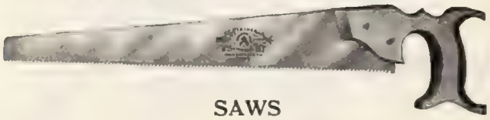
"Use it Like a Broom"

Picks up the smallest leaves or trash with an easy sweeping motion and without tearing the roots of the grass.

Weighs about half as much as the ordinary lawn rake.

No. BR24. Twenty-four Replaceable Spring Steel Teeth, 17 inches wide, 4½ ft. Basswood Handle $1.25.

Japanese Bamboo Broom Rake. $1.

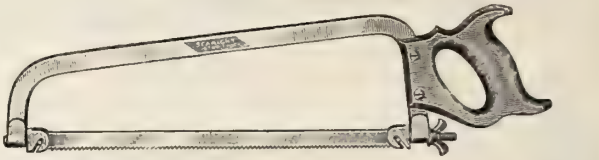


SAWS

Pruning No. 1. Single edge; silver steel; unusual edge-holding qualities. 16-in	$1 45
18-in	1 60
20-in	1 70
22-in	1 85

SAWS, continued

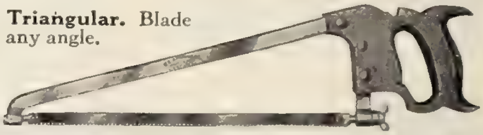
Apple Tree Pruner No. 44. 18-in	$1 50
California Tree Pruner No. 13. 12-in	1 00



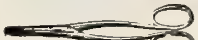
Searight	$2 70
Extra Saw Blades	35

Pruning No. 11, Triangular. Blade may be used at any angle.

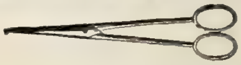
	Each
16-inch	$1 60
18-inch	1 70
Extra Blades	40



SCISSORS

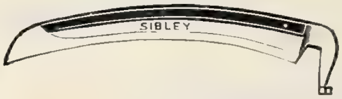


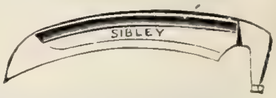
Flower-gathering



Vine

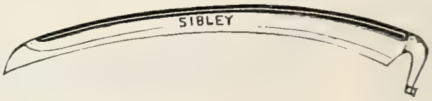
Flower-gathering or Rose No. 575	$1 50
English Vine No. 6148½. 6-inch	2 25
No. 846. 6½-inch	1 00



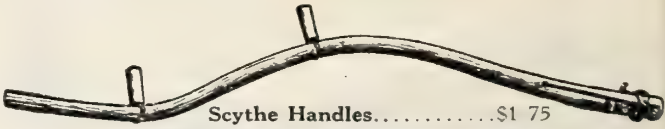


SCYTHES

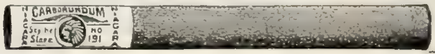
	Each
Bush. Width 3⅛ in.; length 18 to 22 in	$1 75
Weed. Width 2¾ in.; length 26 to 28 in	1 75



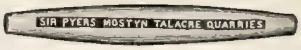
Lawn, High-grade English. Riveted back. 30-inch	2 55
32-inch	2 60
34-inch	2 70
36-inch	2 80



Scythe Handles	$1 75



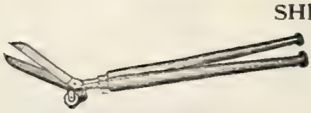
	Each	Doz.
Scythe Stones, Carborundum	$0 40	$4 00


SIR PYERS MOSTYN TALACRE QUARRIES

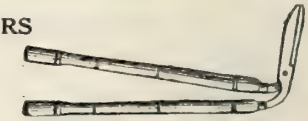
Welsh Talacre	30	3 25

	Each
Sharpening Stone, Carborundum	$0 85

SHEARS



No. 1062



No. 104

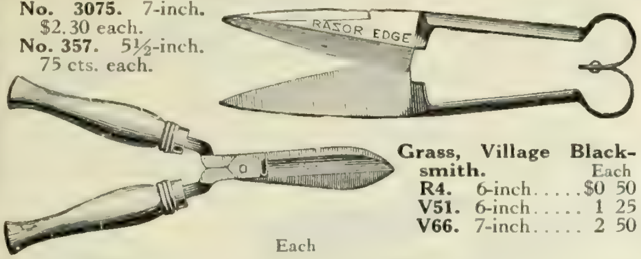
	Each
Grass Border, English, No. 104. 8-inch	$5 75
9-inch	6 35
10-inch	6 75
Lawn and Border, Solid Steel Hand-Forged.	
No. 105. One-wheel. 9-inch	5 90
No. 1062. Two-wheel. 9 inch	8 50

MISCELLANEOUS GARDEN TOOLS, continued

SHEARS, continued

	Each
Grass, English, No. 3075. 5½-inch	$2 10

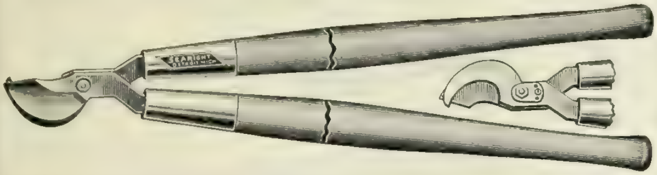
No. 3075. 7-inch. $2.30 each.
No. 357. 5½-inch. 75 cts. each.



Grass, Village Blacksmith.

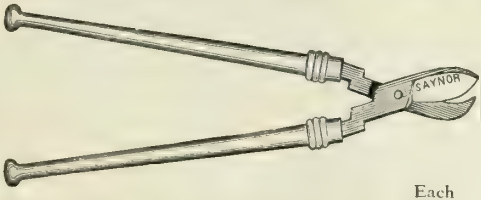
	Each
R4. 6-inch	$0 50
V51. 6-inch	1 25
V66. 7-inch	2 50

	Each
Hedge, VB800. 8-inch	$2 25
VB900. 9-inch	2 50
VB1000. 10-inch	2 75
English. 8-inch	2 80
English. 9-inch	3 25
English. 10-inch	3 65

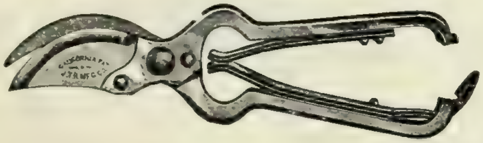


Lopping (American), The Searight, No. 777	$2 60

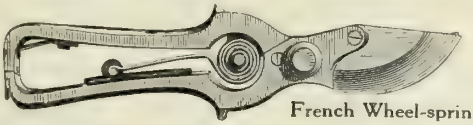
Lopping (Eng.) Solid Steel Hand Forged No. 109.
2½-inch blade. $5.50 each.
3-inch blade. $7.65 each.
4-inch blade. $8.00 each.



	Each
Buckeye Pattern No. 1. 26-in	$1 70
Extra Heavy No. 236. 36-in	3 00

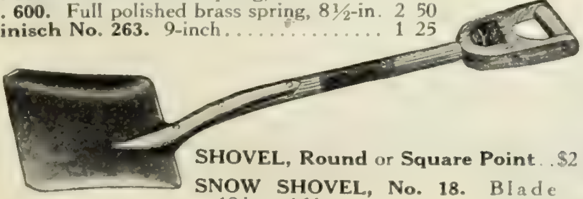


	Each
American Pruning, California Pattern, No. V14. 9-inch	$2 25
Rieser Pattern, No. V19. 9-inch; double brass spring; full polished	5 00
R10. Heavy-gauge steel blade	75
V12. Forged tool-steel blade, 9-inch	1 25
V140. Forged tool-steel ratchet nut	1 75


French Wheel-spring

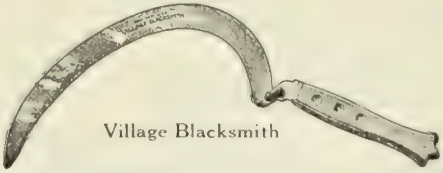
French Pruning, Wheel-spring. 7-inch	$2 00
8-inch	2 25
8½-inch	2 50
9-inch	2 75

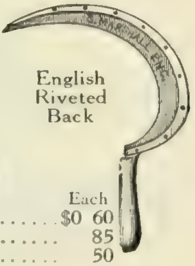
	Each
C. & C. No. 201. Cast handle, steel blade, 8½ in	$0 50
No. 200N. Cast handle, steel blade, 8½-in.	50
No. 117. Polished brass spring, 9-in.	1 75
No. 600. Full polished brass spring, 8½-in.	2 50
Heinisch No. 263. 9-inch	1 25



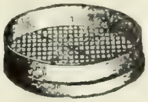
SHOVEL, Round or Square Point	$2 00
SNOW SHOVEL, No. 18. Blade 18 in. x 16 in	1 20

SICKLES OR GRASS HOOKS


Village Blacksmith


English Riveted Back

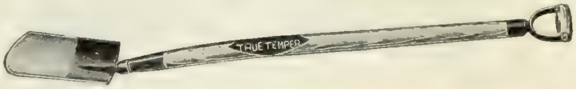
	Each
Atkins' Perfection	$0 60
Frazier. English, riveted back	85
German	50
Village Blacksmith	80



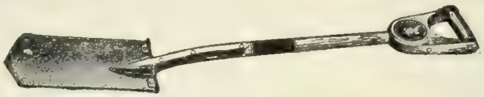
SIEVES. Wooden rim; galvanized wire mesh; 18-inch diameter.

	Each
No. 1. Extra heavy	$2 25
No. 2. ½-inch mesh	1 65
No. 4. ¼-inch mesh	1 65
No. 6. ⅙-inch mesh	1 65
No. 8. ⅛-inch mesh	1 65

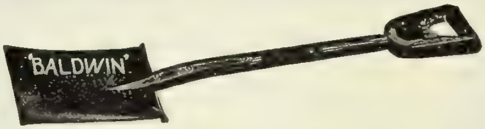
SPADES



Boys' Size or **Floral**	$0 75

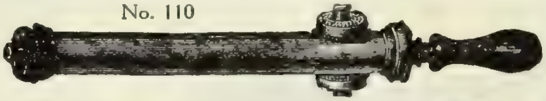


Burbank Round Point	$2 50



Gold Standard Garden	$2 00
Knox. Square point	2 00
Semper. Heavy square point	1 75

No. 110



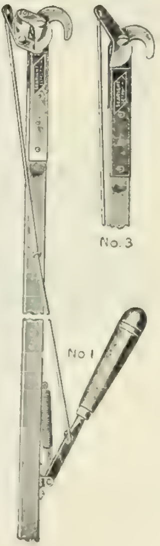
SYRINGES, Brass

	Each
No. 101. 1 x 12 inches, 1 Rose and 1 Jet	$3 50
No. 103. 1¼ x 16 inches, 1 Rose and 1 Jet	5 75
No. 110. 1½ x 18 inches, Fine and coarse Rose and Jet	8 50

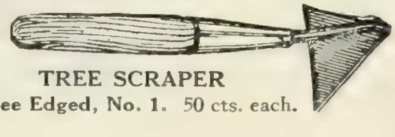
TREE PRUNER

The Extension Tree Pruner has compound lever head and is made with a hook and side lever, calculated for heavy work. Will cut a limb 1¼ inches in diameter. Rod connecting knife-lever is so arranged that strain is even on both sides, giving pole double strength.

	Each
8-foot pole, one piece	$3 75
8-foot pole, jointed	4 50
10-foot pole, one piece	4 00
12-foot pole, one piece	4 25
12-foot pole, jointed	5 00
14-foot pole, one piece	4 50
16-foot pole, one piece	4 75
16-foot pole, jointed	5 25



Tree Pruner

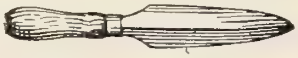


TREE SCRAPER

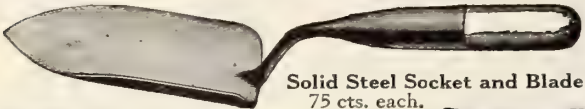
Three Edged, No. 1. 50 cts. each.

MISCELLANEOUS GARDEN TOOLS, continued

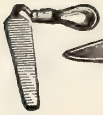
TROWELS



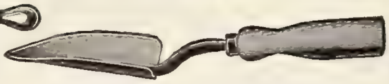
	Each
Angle No. 217. 7-inch	$0 25
8-inch	30



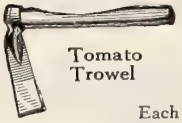
Solid Steel Socket and Blade. 75 cts. each.



Trans-planting Trowel

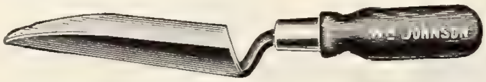


Shank Garden Trowel



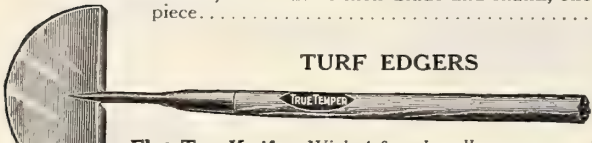
Tomato Trowel

	Each
Shank, Garden. Tempered and polished	$0 50
Transplanting, Bateman's	75
Bateman's Tomato	1 35



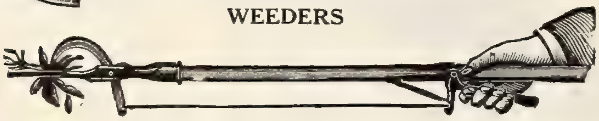
Forged Steel, No. 211. 6-inch blade and shank, one piece	$0 65
Sheet Steel, No. 212. 6-inch blade and shank, one piece	35

TURF EDGERS

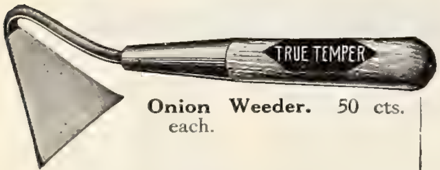


Flat Top Knife. With 4-foot handle..........$1 10

WEEDERS

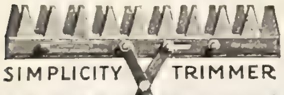


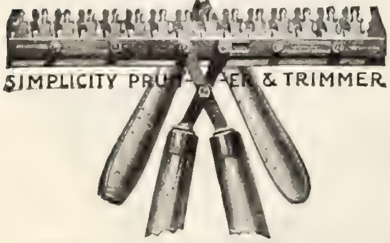
Cleveland..........$1 30



Onion Weeder. 50 cts. each.

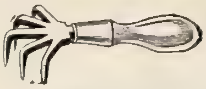
SIMPLICITY HEDGE TRIMMER
$4.00 each
For Fresh New Growth Only



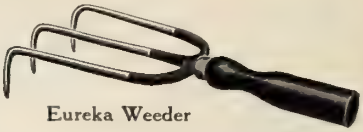


SIMPLICITY HEDGE PRUNER AND TRIMMER. $6.00 each
For Pruning Back Old Growth and Trimming New

WEEDERS, continued

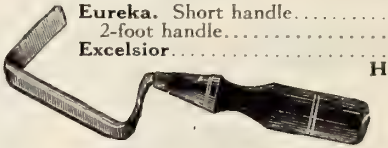


Excelsior Weeder

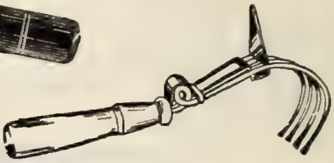


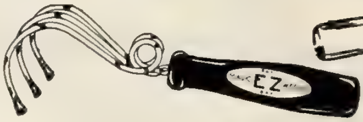
Eureka Weeder

Eureka. Short handle	$0 45
2-foot handle	50
Excelsior	20
Hazeltine	45

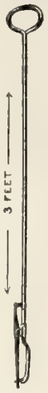


Hazeltine Weeder





Magic,	
No. A. Short handle	$0 40
No. D. Short handle	45
No. E. Short handle	45
No. G. Long handle	1 00
No. H. Long handle	1 25



Germain Weeder

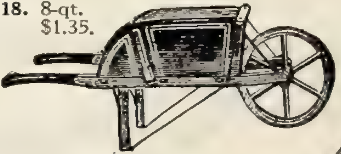
GERMAIN AUTOMATIC LAWN WEEDER. The Germain Automatic Lawn Weeder, will kick out clover, bunch grass, dandelions, watercress, in fact, all weeds that a lawn may be infested with. $1.75 each.

WATERING-CANS. Wotherspoon's heavy galvanized iron, with one coarse and one fine spray. Extra sprays, 50 cts. each.

4-qt.	$4 00	10-qt.	$5 10
6-qt.	4 35	12-qt.	5 60
8-qt.	4 75	4-qt. low	3 00

Roses. Extra fine	50
Extra coarse	50
Light Weight. No. 514. 4-qt.	1 00

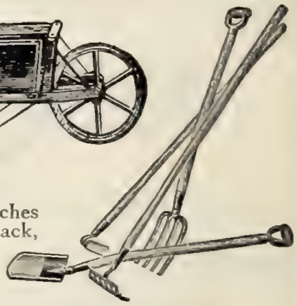
No. 516. 6-qt. $1.15.
No. 518. 8-qt. $1.35.



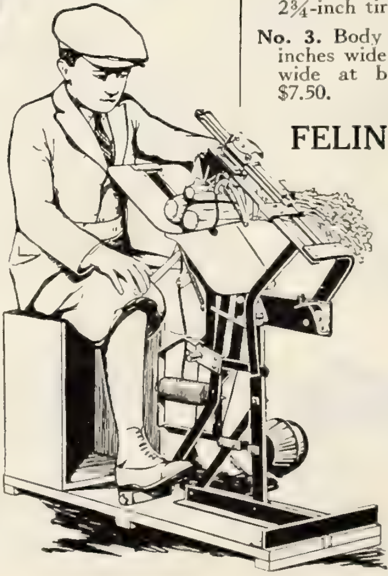
WHEELBARROWS

No. 2. Body 28 inches long, 20 inches wide in front, 24 inches wide at back, 2¾-inch tire. $8.00.

No. 3. Body 26 inches long, 19 inches wide in front, 22 inches wide at back, 2¾-inch tire. $7.50.



GARDEN TOOL SETS. Each
Ladies' Size..........$2 50



FELINS VEGETABLE TYING MACHINE

A great labor-saving device for market-gardeners and florists. The Felins Tying Machine is, in our estimation, the best all-round bunching machine on the market. It is simple and durable in construction and so light and easy-running that a child can operate it with almost no effort and do in one hour what would otherwise be four or five hours of tedious work. The Felins will tie any size bunch from ¼ to 5 inches, as tightly as desired, adjusting itself automatically to the size of the bunch. Saves twine as well as time and labor. Can be used for either twine or tape. **Price $75.00, freight prepaid.**

After a season's experience with the Felins Tying Machine, Mr. Alois Niederst, R. D. 4, Millvale, wrote us as follows:

December 19, 1922.

Gentlemen: I am very much pleased with the Felins Tying Machine which you sold me. It is easy to work and bunches up any kind of stuff just the way I want it. It is the best bunching machine I have seen.

Yours truly, Alois Niederst.

MISCELLANEOUS SUPPLIES

	Each
APRONS, Gardeners' Rubber. Heavy	$2 50

BOXES, Cut-flower.

	Doz.	100
21 x 7 x 3½ in.	$1 00	$6 30
24 x 8 x 5 in.	1 25	8 50
28 x 8 x 5 in.	$1 50	$9 50
36 x 8 x 5 in.	2 00	13 50

CARNATION SUPPORTS.

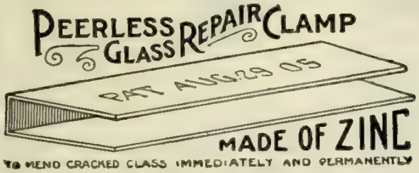
Richmond Double Ring	1 50	7 50
Model, Two Rings	1 00	6 50
Model, Three Rings	1 25	7 00

CELERY BLEACHERS.

6 x 13 inches	65	4 50
7 x 14 inches	70	5 00

CHARCOAL, Fine. Lb. 10c., 25 lbs. $2.00, 50 lbs. $3.75, 100 lbs. $6.75.
Coarse. Lb. 10 cts., 25 lbs. $2.00, 50 lbs. $3.75, 100 lbs. $6.75.

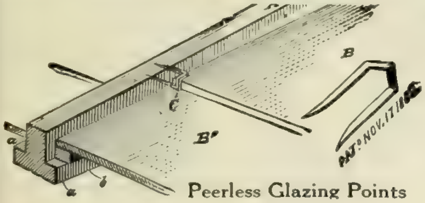
	Each
FRUIT PICKER, Wire. Without pole	$0 50


PEERLESS GLASS REPAIR CLAMP
PAT. AUG 29 05
MADE OF ZINC
TO MEND CRACKED GLASS IMMEDIATELY AND PERMANENTLY

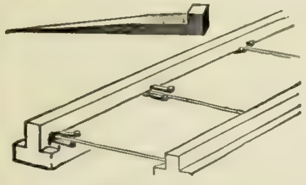
GARDEN LINE, White, Glazed. Superior to Italian Hemp garden line. 48-foot hanks 50 cts. each, $5.00 per doz.

GLASS CLAMPS, Peerless. For supporting broken glass. $1.50 per 100.

GLASS-CLEANER, Daylight. The most powerful cleaner in the market; is self-acting. The minute it is put on the glass it acts. Apply with a brush, leave it on a few minutes, and rinse off with cold water. Gal. $1.75, 5 gals. $8.



Peerless Glazing Points



Zinc Greenhouse

GLAZING POINTS.

	1,000	5,000
Peerless No. 1	$0 75	$3 50
No. 2	75	3 50
No. 2½	75	3 50

Zinc Greenhouse.

	Lb.	5 lbs.
⅝-inch	$0 40	$1 85
6/8-inch	40	1 85
⅞-inch	40	1 85

GLAZING COMPOUND, Glazetite. Gal. $2.00, 5 gals. $8.50.
Garlanite. Gal. $2.75, 5 gals. $13.00.
Mastica. Gal. $2.50.
Puttium, Gray. Gal. $2.75, 5 gals. $12.00, 10 gals. $23.00.
Puttium, Black. Gal. $1.50, 5 gals. $7.00.

GLASS. For use in hotbed sash. All sizes, $4.25 per box.

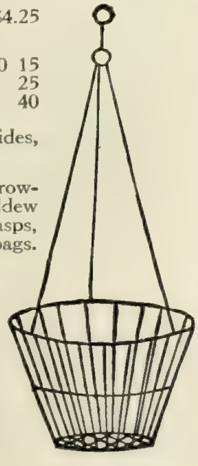
GRAFTING WAX. ¼lb.	$0 15
½lb.	25
1 lb.	40

PRUNING COMPOUND. See under Insecticides, page 76.

GRAPE PROTECTING BAGS. To enclose growing bunches of grapes as a preventive of mildew and black-rot, as well as attacks of bees, wasps, and other insects. Manila square bottom bags. $1.25 per 100.

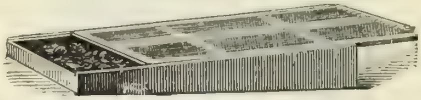
HANGING-BASKETS, Galvanized Wire.

	Each	Doz.
8-inch	$0 25	$2 50
10-inch	35	3 50
12-inch	40	3 70
14-inch	45	4 85
16-inch	65	6 75
18-inch	80	7 90



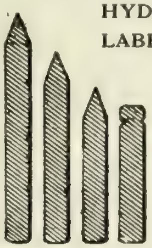
HOTBED MATS.

	Each
40 x 76 Semi-Weather-Proof	$3 15
76 x 76 Semi-Weather-Proof	4 50



HOTBED SASH. Best-grade cypress with wood horns, for easy handling. Iron crossbars and lugs. Painted two coats. Glazed double strength and puttied.

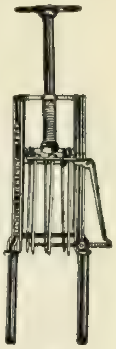
	Each	Doz.
Painted and glazed	$6 75	$75 00
Unpainted and unglazed	3 50	36 00



HYDROMETER, No. 7240.	1 00	

LABELS, Garden or Pot.

	100	1,000
8-inch	$0 95	$8 75
10-inch	1 30	10 50
12-inch	1 60	12 90
14-inch	4 30	34 50
16-inch	4 75	39 50
4-inch	25	1 90
5-inch	30	2 50
6-inch	35	3 00
Tree, Copper wired	35	3 00



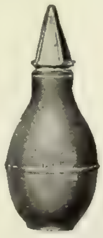
Mole Trap

LAMPS, Vaporizing, with Stand. Used for dispensing fumes of Nikoteen solution, etc. 75c. each.

MOLE TRAPS, Reddick. $1.00 each.

MOSS, Green Log. Sack $2.50.
Sphagnum. Dried. Per bale $2.50.
Live. Market Price.

PAPER, Tissue White. Ream
Tissue Waxed. Ream
Tissue Waxed, Green. Ream } Market Price



Putty Bulb

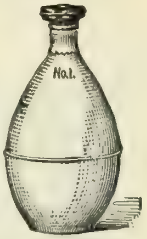
PUTTY BULBS. For applying Mastica. $1.30 each.

RAFFIA. For tying. Lb.	$0 20
5 lbs.	90
10 lbs.	1 50

SILKALINE. For stringing smilax and asparagus.

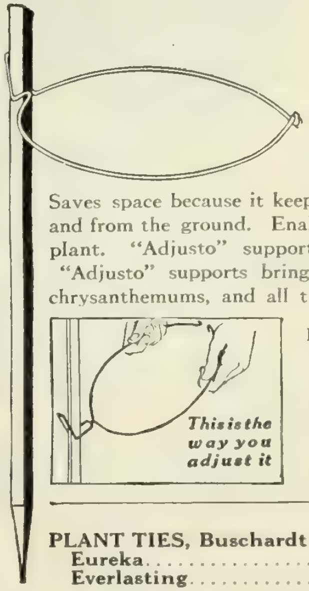
2-oz. spool	$0 40
1-lb. box (8 spools)	2 50

	Each
SPRINKLER, Hothouse. For hose connection, 3-in. face	$0 75
Scollay No. 1 Plain or Valve	1 30



Plain Sprinkler

"Adjusto" Plant Supports


This is the way you adjust it

A sturdy hardwood stake ⅞-inch square, 3, 4, or 5 feet long, with a strong wire support instantly adjustable to any height. Saves space because it keeps your plants in the air and sun, and from the ground. Enables you to cultivate close to the plant. "Adjusto" supported tomatoes ripen to perfection. "Adjusto" supports bring out the full beauty of dahlias, chrysanthemums, and all the slender, tall-growing varieties.

Height	Each	Doz.
1½ ft.	$0 12	$1 20
2 ft.	15	1 50
3 ft.	35	3 50
4 ft.	40	4 00
5 ft.	45	4 50
6 ft.	50	5 00

	1,000
PLANT TIES, Buschardt	$2 50
Eureka	4 50
Everlasting	2 35

MISCELLANEOUS SUPPLIES, continued

AIR AND WATER TUBE
S1V
GRAVEL
WATER

ALL-YEAR-ROUND GARDEN

Self-Watering, Sub-Irrigating Flower Box

Directions for using: First, place coarse gravel, pebbles, broken flower pots, charcoal or moss about 2 inches deep over the top of the double arched reservoir, coming up to the top of drainage hole on side of the box, then fill the box with good, rich black dirt, fill the reservoir with water and sow the seed or install the plants and see them grow.

STANDARD STOCK SIZES AND PRICE-LIST

Model A. 8 in. high, 9½ in. wide, 23 in. long	$3 00
Model B. 8 in. high, 9½ in. wide, 29 in. long	4 00
Model C. 8 in. high, 9½ in. wide, 35 in. long	4 50
Model D. 8 in. high, 9½ in. wide, 41 in. long	5 00
Model E. 8 in. high, 12 in. wide, 12 in. long	3 00
Model F. 12 in. high, 12 in. wide, 12 in. long	3 50
Model B. With stand, 30½ in. high	12 00
Model G. 12 in. diameter, with stand 28½ in. high	6 00

These are outside measurements, including the ¾-inch roll rim. Special sizes made to order when required.

Beautifully finished in Aluminum or Dark Green.

Water only once a week. No surface watering.

STAKES

	Doz.	100	1,000
Bamboo Cane. Natural color.			
6- to 9-foot		$2 80	$23 50
9- to 12-foot		3 90	33 00
Bamboo Cane. Japanese; Dyed Green.			
1½-foot	$0 10	65	5 80
2-foot	10	70	5 95
2½-foot	10	80	6 85
3-foot	15	1 00	8 00
3½-foot	20	1 30	9 00
4-foot	25	1 45	9 75
Galvanized Wire.			
2-foot	20	1 20	10 25
2½-foot	25	1 50	12 90
3-foot	30	1 80	15 75
3½-foot	35	2 10	18 20
4-foot	40	2 25	19 45
5-foot	50	2 80	24 40
Hyacinth.			
12-in. Painted green		30	2 50
18-in. Painted green		40	3 50

Wooden Round Tapering, Light Weight.	Doz.	100
1½-foot	$0 25	$1 95
2-foot	50	3 60
2½-foot	75	5 25
3-foot	1 00	6 90
3½-foot	1 20	8 55
4-foot	1 45	10 00
5-foot	1 90	13 25
Heavy Wooden or Dahlia.		
3-foot	1 55	10 75
3½-foot	1 75	12 15
4-foot	2 00	14 25
5-foot	2 75	19 30
6-foot	3 25	22 50
Bean Poles		
Straight Hickory. 8-foot. Trimmed and pointed	2 50	17 65

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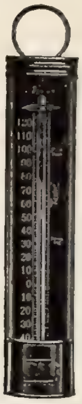


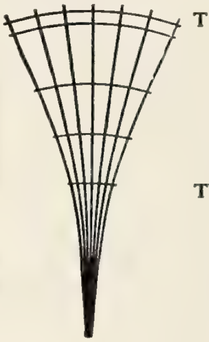
5400

5452

5981

THERMOMETERS, TESTED.	Each
No. 5400. 8-in. Japanned case	$1 50
No. 5400. 10-in. Japanned case	1 75
No. 5400-P. 10-in. Copper case; distance reading	2 35
No. 5400-PS. 10-in. Copper case; distance reading	2 25
No. 5154-S. 8-in. Copper; distance reading	75
No. 5154-S. 10-in. Copper; distance reading	1 00
No. 5452-P. 8-in. Copper; self-registering	6 75
No. 5981. Hot-Bed, or Mushroom	2 15

TIN FOIL. For wrapping. 1 lb	25
5 lbs	1 10



TRELLISES. Wire. 10 ft. long and 4 ft. high on 5-ft. posts. Rolled in bundles.	1 50
No. 201 Trellis. Fine to support small vines, roses, etc.	
24 in. high, 5 ribs	50
36 in. high, 5 ribs	90
48 in. high, 7 ribs	1 60
72 in. high, 7 ribs	3 00

TWINE. For stringing smilax, etc.	
2-oz. spool	30
Lb. (8 spools)	2 00
Green Sea Island Cotton. Single ball	10
Box (8 balls)	75
Best-Yet Florist. Box (8 spools)	1 50

Fiber Flower Vases

These combine beauty with durability. Moulded in one piece of tough fiber over ¼inch thick—rendered waterproof by a penetrating treatment—and artistically finished on the outside to resemble the bark of a tree.

Features: Moulded seamless in one piece without rivets or joints.

Absolutely waterproof.

Non-conductor—protects flowers from sudden changes of temperature.

Cannot rust or corrode, scratch furniture or leave rust marks. Noiseless.

Will harmonize with the most luxurious surroundings.

Size	Height	Top Diameter	Each	Doz.
A	6½ in.	8½ in.	$1 00	$9 75
0	13 in.	8¾ in.	1 40	13 80
1	10 in.	6 in.	1 10	10 80
2	8¾ in	4¾ in.	1 00	9 60
3	5½ in.	4¼ in.	90	8 40
4	4½ in.	3¼ in.	80	7 80
00	21 in.	10 in.	2 75	27 60
01	20 in.	7½ in.	1 50	15 00
11	18 in.	6¾ in.	1 40	13 80
22	15 in.	5¼ in.	1 20	12 00
33	12 in.	4¾ in.	1 10	10 80
44	9 in.	3½ in.	1 00	9 60

Flower Vase

MISCELLANEOUS SUPPLIES, continued

Flower Pots, Saucers, Etc.

When shipped direct to the purchaser from the factory in quantities of 100 to 500 of a size, we allow 10 per cent discount from these prices.

Prices subject to change without notice

Standard Flower Pots.

Inside diam.	Each	Doz.	100	1,000
2-inch	$0 02	$0 17	$1 20	$10 65
2½-inch	03	25	1 60	14 50
3-inch	03	30	2 10	18 90
3½-inch	04	35	2 65	23 85
4-A. Geranium	05	45	3 00	27 00
4-inch	05	50	3 35	30 00
4½-inch	07	60	4 50	40 00
5-inch	09	85	6 00	54 00
6-inch	13	1 30	8 90	80 75
7-inch	21	2 10	14 65	
8-inch	30	3 10	21 60	
9-inch	50	4 80	33 10	
10-inch	65	6 40	44 35	
11-inch	1 00	9 35	65 00	
12-inch	1 30	12 75		
13½-inch	2 15	20 65		
15-inch	3 30	31 90		
16-inch	4 80			
18-inch	7 10			

Bulb- or Azalea-Pots.

	Each	Doz.	100
4-inch x 3-inch	$0 05	$0 45	$3 35
5-inch x 4¼-inch	09	85	6 00
6-inch x 4¾-inch	13	1 25	8 90
7-inch x 5¼-inch	22	2 10	14 65
8-inch x 5¾-inch	32	3 05	21 15
9-inch x 6¼-inch	48	4 60	32 10
10-inch x 6¾-inch	65	6 20	43 20
11-inch x 7½-inch	95	9 15	63 35
12-inch x 8-inch	1 30	12 50	
13-inch x 8½-inch	2 10	20 25	
15-inch x 9½-inch	3 25	31 25	

Fern-Dish Linings.

	Each	Doz.
4-inch x 2½-inch	$0 11	$0 90
5-inch x 2½-inch	14	1 15
6-inch x 2⅝-inch	17	1 40
7-inch x 2⅞-inch	23	1 80
8-inch x 2⅞-inch	34	2 70

Low Pans for Ferns and Seedlings.

	Each	Doz.	100
5-inch x 3¼-inch	$0 10	$0 85	$5 85
6-inch x 3½-inch	13	1 25	8 70
7-inch x 3½-inch	25	2 05	14 35
8-inch x 3¾-inch	30	3 00	20 85
9-inch x 4-inch	45	4 50	31 45
10-inch x 4-inch	65	6 10	42 40
11-inch x 4-inch	95	8 90	61 95
12-inch x 4½-inch	1 25	12 25	85 00

Round Seed-Pans.

	Each	Doz.
9-inch	$0 60	$5 90
12-inch	1 00	9 60

Orchid Pots.

5-inch	35	3 35
6-inch	45	4 45
7-inch	60	5 55
8-inch	70	6 70
9-inch	95	8 95
10-inch	1 35	13 00

Flower-Pot Saucers.

	Each	Doz.	100
For 4-inch pots	$0 04	$0 35	$2 40
For 5-inch pots	05	45	3 20
For 6-inch pots	07	65	4 75
For 7-inch pots	09	90	6 35
For 8-inch pots	13	1 25	8 65
For 9-inch pots	18	1 75	12 00
For 10-inch pots	20	2 05	14 40
For 11-inch pots	25	2 50	17 50
For 12-inch pots	30	3 10	21 75
For 13½-inch pots	50	5 15	35 85
For 15-inch pots	70	6 85	47 45

Paper Flower-Pots, Neponset Waterproof.

	Doz.	100	1,000
2½-inch	$0 10	$0 65	$5 65
3-inch	15	85	7 65
3½-inch	20	1 10	9 85
4-inch	25	1 35	12 25
5-inch	30	2 10	19 00
6-inch	40	2 75	25 00

WOOD FIBER WARE

Saucers.

	Each	Doz.
5-inch	$0 40	$4 25
6-inch	45	4 60
7-inch	50	4 95
8-inch	55	5 35
9-inch	60	5 85
10-inch	$0 65	$6 35
12-inch	75	7 60
14-inch	1 00	10 20
16-inch	1 80	18 00
18-inch	2 10	20 95
20-inch	2 75	27 30

Roller Stands. With hardwood rollers and ballbearing casters.

	Each	Doz.
12-inch diam. for 10-inch pot	$1 30	$13 35
14-inch diam. for 12-inch pot	1 70	17 00
18-inch diam. for 16-inch pot	2 90	29 30
22-inch diam. for 20-inch pot	3 75	37 80

EVER-READY FLOWER POT COVERS.

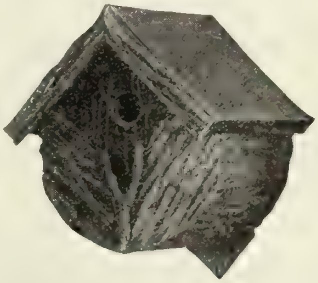
Specify whether for Standard or Azalea Pots.	Each	Doz.	100
For 5-inch pots	$0 25	$2 50	$18 00
For 6-inch pots	25	2 75	19 00
For 7-inch pots	30	2 95	21 00
For 8-inch pots	30	3 15	22 00
For 9-inch pots	35	3 60	25 00

POT-HANGERS, Krick's Adjustable.

		Each	Doz.
No. 1.	For 3- to 5-in. pots	$0 05	$0 50
No. 2.	For 6- and 7-in. pots	05	50
No. 3.	For 8- to 10-in. pots	05	50

VIRGINIA CEDAR PLANT TUBS. Painted green with galvanized electric welded wire hoops and handles. If wanted with handles add 20 cents to price of each tub.

	Diam. inside top	Diam. inside bottom	Depth inside	Each
No. 1	6-in	5-in	6-in	$0 55
No. 2	7-in	5-in	7-in	60
No. 3	8-in	6-in	8-in	65
No. 4	9-in	7-in	9-in	75
No. 5	10-in	7½-in	9-in	85
No. 6	11-in	8½-in	10-in	1 05
No. 7	12-in	9-in	11-in	1 25
No. 8	13-in	10-in	12-in	1 65
No. 9	14-in	11-in	13-in	1 85
No. 10	15-in	11½-in	14-in	2 00
No. 11	16-in	12½-in	15-in	2 30
No. 12	17-in	13½-in	16-in	2 70
No. 13	18-in	14½-in	17-in	3 25
No. 14	19-in	15½-in	18-in	3 90



BIRD-HOUSES.

		Each
No. 60.	Wren or Bluebird	$0 75
No. 45.	Bluebird or Swallow	1 50
No. 52.	Bluebird or Wren	2 00
No. 15.	Woodpecker	1 75
No. 85.	Wren or Bluebird	1 50
No. 35.	Woodpecker or Bluebird	1 75
No. 20.	Wren or Chickadee	1 15
No. 55.	Wren or Bluebird	1 50
No. 40.	Wren only	1 50
No. 40.	Bluebird	1 50
No. 70.	Wren or Bluebird, small	1 75
No. 70.	Wren or Bluebird, large	2 25
No. 65.	Flicker or Woodpecker	2 75
No. 50.	Wren or Bluebird, small	1 50
No. 50.	Wren or Bluebird, large	1 75
No. 75.	Robin Shelter	2 00
No. 7.	Fourteen-Room Martin-House	16 00
No. 5.	Six-Room Martin-House	6 50
No. 6.	Ten-Room Martin-House	11 00
No. 77.	Feeder	1 75
No. 66.	Bird-Feeder	1 75
No. 88.	Corn-Feeder	90
No. 99.	Sliding Shelf-Feeder	2 25

GARDEN AND GREENHOUSE BOOKS

Written for the beginner as well as the experienced gardener

All in a Garden Fair. Quackenbush. A delightful collection of whimsical, stimulating essays on plants, plant names, plant friends, plant enemies, and other subjects close to the heart and interest of the garden-lover. Price $2.25.

A Little Book of Annuals. Hottes. A reliable guide to the growing of annual flowers. Price, cloth-bound, $1.65; paper-bound, $1.10.

The Blossom Circle of the Year in Southern Gardens. Dillon. For beautifying home-grounds in the South. 200 pages, profusely illustrated. Price $2.65.

A Little Book of Climbing Plants. Hottes. The only book obtainable combining all climbing plants of whatsoever nature in the one volume. Price, cloth-bound, $1.90; paper-bound, $1.35.

A Little Book of Modern Dahlia Culture. Waite. There are plenty of books one might like to own, but this one is practically insurance for Dahlia success. Price $1.65.

The Principles of Flower Arrangement. White. To enjoy the reputation of being an adept in the arrangement of flowers in your home means quite a little to both yourself and visitors. 200 pages profusely illustrated. Price $2.65.

Fritz Bahr's Commercial Floriculture. A practical manual for the retail grower. Every cut-flower- and plant-grower should have it. Price $5.00.

Fruits and Vegetables Under Glass. Turner. This book will prove of assistance to the inexperienced and the beginner. It will also be of great value to private gardeners. Price $5.00.

American Fruits. Fraser. The most complete and up-to-date book ever published on fruits. Price $4.75.

The Garden Guide. The Amateur Gardener's Handbook. Covers every step from spading the ground to preserving the harvest. Price, cloth-bound, $1.65; paper-bound, $1.10.

Plant Culture. Oliver. For the commercial florist, gardener, and nurseryman as well as the amateur student. Price $3.75.

The Complete Home Landscape. Jennings and Johnson. A complete guide to the planning, construction, and planting of the garden and grounds of the average home. Price $2.65.

Practical Landscape Gardening. Cridland. Of particular value to the owner of the moderate-sized suburban home, nicely illustrated. Price $2.50

Milady's House Plants. Palmer. Success with house plants is made easy by this plainly written and profusely illustrated manual. Price, cloth-bound, $1.10; paper-bound, 80 cts.

The Small Nursery. Coon. A discussion of first principles governing its successful establishment. Price, cloth-bound, $1.65; paper-bound, $1.10.

Success with Mushrooms. Dick. A pamphlet written for the benefit of all who want to raise this appetizing esculent. Price 10 cts.

A Little Book of Perennials. Hottes. Unusually complete, with helpful planting plans. Price $1.10.

Practical Plant Propagation. Hottes. Appeals to everyone who has to do with seeds and plants, whether amateur or professional. Price $2.15.

The Rose in America. McFarland. A practical Manual for the retail grower. Every cut-flower and plant grower should have it. Price $3.00.

Roses and Their Culture. Hubbard. Should be in the hand of every rose-grower. Price $1.25.

The Strawberry. Fraser. Tells just what the grower needs to know. Price $1.25.

Tomato Production. Work. Facts and practices about the tomato are here rounded up for everyday use. Price $1.25.

Vegetable Gardening. Watts. A complete concise and authentic book covering every phase of the subject including soils, fertilizers, irrigation, growing under glass, marketing, etc. Price $2.50.

Practical Violet Culture. Coon. Price $1.90.

The Book of Water Gardening. Bisset. This book gives in full detail all the practical information necessary to the selection, grouping, and successful cultivation of aquatic and other plants, required in the making of a water-garden and its surroundings. Price $5.00.

UP-TO-DATE POULTRY BOOKS

In order to keep abreast of the times and advantageously avail one's self of the latest approved successful methods in practice, good books are an indispensable necessity.

We list below but a few of the books written by men prominent in their respective lines and are furthermore in position to furnish any other poultry book desired.

Artificial Incubating and Brooding. Revised by Homer W. Jackson. 118 pages. $1.00 postpaid.

The Asiatics. 100 pages. Price, 50 cts. postpaid.

The Call of the Hen. Price, $2.00 postpaid.

The Fundamentals of Poultry Breeding. Robinson. 112 pages. Price, $2.00 postpaid.

High Egg Production. Jackson and Curtis. 176 pages. Price, $2.00 postpaid.

How to Feed Poultry for any Purpose with Profit. Robinson. 112 pages. Price, $1.25 postpaid.

Indian Runner Ducks. 92 pages. Price, 75 cts. postpaid.

The Leghorns. Drevenstedt. 144 pages. Price, $1.00 postpaid.

The Plymouth Rocks. Denny. 144 pages. Price, $1.00 postpaid.

Poultry House and Fixtures. Revised by H. W. Jackson. 112 pages. Price, $1.00 postpaid.

Profitable Culling and Selective Flock Breeding. Jackson. 300 pages. Price, paper-bound, $2.00; cloth-bound, $3.00 postpaid.

The Rhode Island Reds. Hale. 88 pages. Price, 75 cts. postpaid.

Successful Back Yard Poultry-Keeping. Jackson. 104 pages. Price, $1.00 postpaid.

Use of Artificial Light to Increase Winter Egg Production. Curtis. 112 pages. Price, $1.50 postpaid.

The Wyandottes. Drevenstedt. 160 pages. Price, $1.00 postpaid.

A to Z of Pigeons. 88 pages. Price, 75 cts., postpaid.

PIGEON FEEDS AND BIRD SEEDS

A feed-buyer wants feed which consists of only good, sound grain thoroughly recleaned. It must not contain dirt or worthless matter. He wants a mixture which is well-balanced so it will produce the proper results. He wants uniformity—the mixture must run the same at all times. He wants service. You will find these requirements well taken care of in Beckert's Feeds. Give us a chance to prove this claim.

For those who prefer to buy unmixed grain, we stock the following at all times, and can supply you on short notice.

Pigeon Feeds

Flint Corn
Small Domestic Flint Corn
Kaffir Corn (White, recleaned)
Fancy Canada Peas
New Zealand Maple Peas
Buckwheat
Broken Rice
Vetches

Bird Seeds

Canary
Rape
Maw or Poppy
Millet
Sunflower
Flax Seed
Hemp
Thistle
Lettuce Seed

Beckert's Best Mixed Canary Seed. Expertly blended. Lb. 20 cts., 3 lbs. 50 cts.

Write for prices on feeds not priced

POULTRY SUPPLIES

"Buckeye" Incubators—The Perfect Hatchers

Are Guaranteed to Hatch MORE Chicks and BETTER Chicks Than Any Other Incubator

WHY THE BUCKEYE SUCCEEDS. The unprecedented success which has followed the Buckeye for twenty-five years is primarily due to the invention of the Buckeye hot-water system.

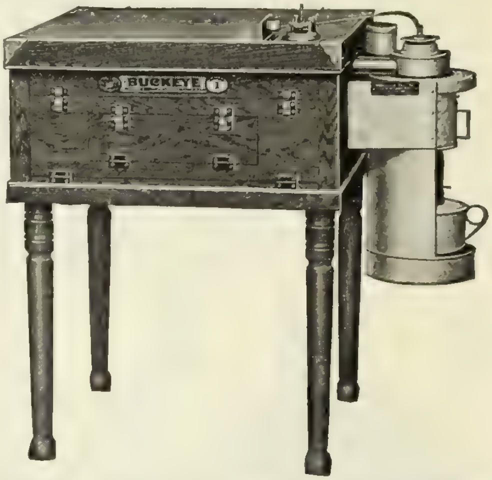
BUCKEYE GUARANTEE. This Buckeye Incubator is guaranteed to hatch every hatchable egg, and we further guarantee the perfect working of all its mechanical parts.

HATCH MORE AND STRONGER CHICKS. The Buckeye will hatch more chicks and stronger chicks than any other make of Incubator. It requires no artificial moisture, will operate satisfactorily in any climate, and requires no attention to the regulator from the time a hatch is started until it is finished. Any Buckeye Incubator, regardless of size or style, can be heated to 103 degrees inside of an hour. The average Incubator requires from twelve to twenty-four hours to reach this degree of heat.

NO PREVIOUS EXPERIENCE NECESSARY. It is not necessary to have any previous experience to operate a Buckeye. The entire Buckeye system is so simple that a boy or girl can operate it as satisfactorily as an experienced operator.

Style E Buckeye Incubator

All Style E Incubators have single walls and are equipped with heavy copper tanks.



No. 14, Style E is especially adapted for use by the small raiser. It has all the important features of the larger machines, such as visible thermometer, and the Buckeye heating and ventilating systems. The temperature is easily regulated and the consumption of oil is low. **Price $16.50.**

No. 16, Style E. Capacity 120 eggs; weight, crated for shipment, 85 pounds. This machine is the same as No. 14, except that it has a greater egg capacity and long legs instead of short ones. **Price $27.50.**

No. 17, Style E. Capacity 200 eggs; weight, crated for shipment, 125 pounds. Same as No. 16, except that it has greater egg capacity. **Price $36.75.**

Buckeye Standard Incubators

The Buckeye Standard is an improved Buckeye. It is fire-proof and fool-proof. It is equipped with every desirable device that could possibly add to the efficiency of an incubator. Only the best of material is used throughout, and a Standard should last a lifetime. In addition to being the most satisfactory hatcher on the market, the Standard Buckeye is fire-proof, and, therefore, insurable. Each machine is inspected by the National Board of Insurance Underwriters before it is put on the market.

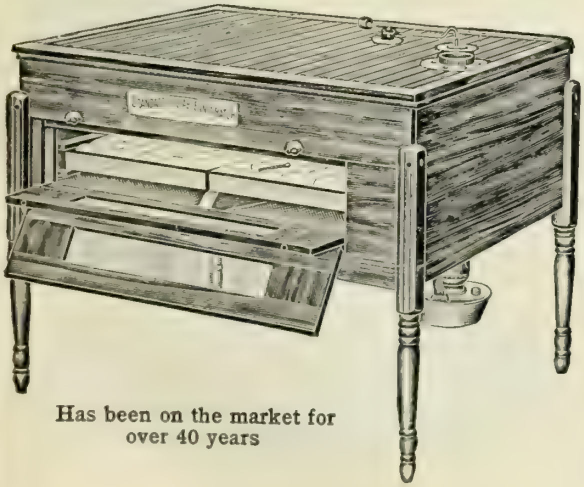
No. 1 Standard, 120 Eggs. Oil or Gas	$37 50	**No. 4 Standard, 350 Eggs. Oil or Gas**	$68 00
No. 2 Standard, 175 Eggs. Oil or Gas	44 50	**No. 5 Standard, 600 Eggs. Oil or Gas**	107 00
No. 3 Standard, 250 Eggs. Oil or Gas	57 75		

Reliable "Standard" Incubator

RELIABLE BECAUSE RIGHT

They are made of high-grade, thoroughly seasoned lumber; double walls, space between walls carefully insulated with the best non-conductors of heat; the top above tank is heavily insulated with several thicknesses of insulation, each layer separated by sheets of heavy non-conducting cardboard; two separate doors, made extra thick with extra-heavy glass which permits an easy observation of all parts of the egg-chamber without opening doors of the machine; double heating system, a feature which gives a decided advantage in economy of operation.

Perfect moisture is assured, heated air throughout the machine coming in contact with air from ventilator. Has nursery beneath egg-tray.


Has been on the market for over 40 years

The Reliable Standard Incubators are made in both the hot-air system and the hot-water system.

The hot-air system consists of two tubes, one running entirely through the Incubator and the other open at the inner end, supplying fresh air and at the same time radiating heat.

The hot-water system consists of two tanks, a hot-air tank and a copper hot-water tank. The hot-air tank heats the fresh air supply before conducting it into the egg-chamber; also radiates the heat from its own surface.

HOT AIR

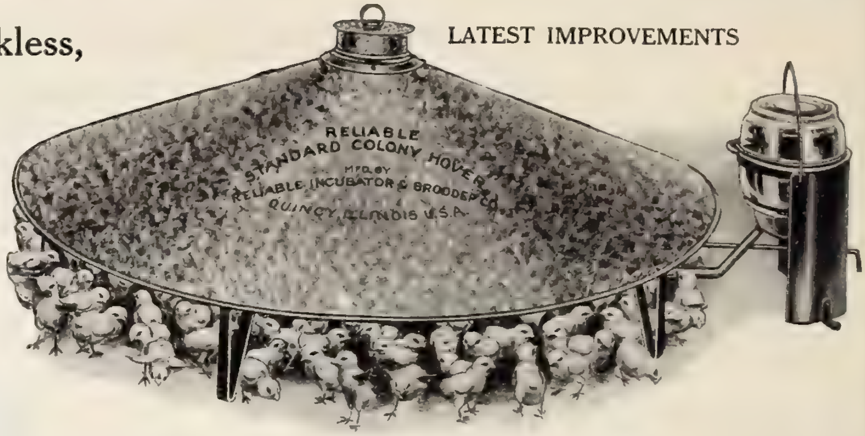
No. 49a, 100 Eggs	$22 50	**No. 57, 450 Eggs**	$63 00
No. 51, 140 Eggs	31 00	**No. 81, 70 Eggs**	15 50
No. 53, 240 Eggs	43 00	**No. 83, 125 Eggs**	23 50
No. 55, 350 Eggs	51 00	**No. 85, 240 Eggs**	33 00

HOT WATER

No. 50a, 100 Eggs	$28 00	**No. 58, 450 Eggs**	$79 00
No. 52, 140 Eggs	37 00	**No. 82, 70 Eggs**	17 00
No. 54, 240 Eggs	51 00	**No. 84, 125 Eggs**	28 00
No. 56, 350 Eggs	63 00	**No. 86, 240 Eggs**	37 00

Write for complete catalogue of Reliable Incubators and Brooders

Reliable Blue-Flame, Wickless, Oil-Heated Colony Hover


RELIABLE STANDARD COLONY HOVER
MFD. BY RELIABLE INCUBATOR & BROODER CO.
QUINCY, ILLINOIS U.S.A.

LATEST IMPROVEMENTS

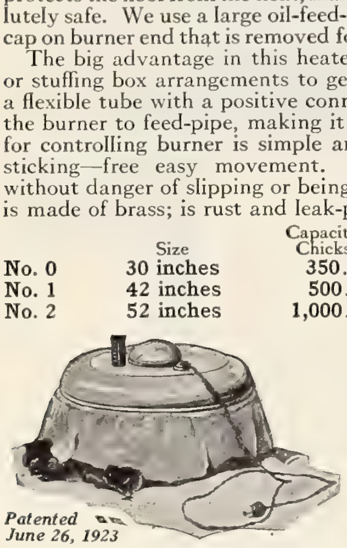
Our Late Model Positive Oil Level Improved Reliable Blue-Flame, Wickless, Oil-Heated Colony Hover will save you time, money, and worry. It is the result of years of practical experiments and study. At last we have perfected a heater that has an absolute flame control, and is easy to regulate.

The Heater being the vital part of the Hover is constructed with great care as to its durability, simplicity, and ease of operation. It is positively "fool-proof." It is valveless and works on an oil level. Cannot clog up or overflow. Has a cast iron base under burner which protects the floor from the heat, making it absolutely safe. We use a large oil-feed-pipe with a cap on burner end that is removed for cleaning.

The big advantage in this heater is that there are no packing or stuffing box arrangements to get loose and leak oil. We have a flexible tube with a positive connection at each end connecting the burner to feed-pipe, making it leak-proof. The lifting device for controlling burner is simple and positive, no lost motion or sticking—free easy movement. Will hold burner where set without danger of slipping or being moved by the chicks. Burner is made of brass; is rust and leak-proof. They are lower at front than rear, so when burner is turned out, the oil drains out of burner rapidly and the flame responds quickly. The indicator dial with positions plainly marked for Low, Medium or High Flame, makes the adjustment of the flame both easy and accurate.

This Heater will not flare up or go out during the night hours and scare or chill your chicks. It burns automatically without care or bother, except only to keep it supplied with oil.

	Size	Capacity Chicks	Price Heater only	Price Canopy only	Price Complete
No. 0	30 inches	350	$10 50	$8 45	$17 50
No. 1	42 inches	500	11 80	9 45	18 50
No. 2	52 inches	1,000	13 35	10 45	21 50



Patented June 26, 1923

Oakes Electric Hover

This is the handiest and easiest to operate of any brooder you ever saw. Its operation is as nearly automatic in every way as possible. No lamp to bother with, no fumes or smoke to stunt the chicks, no extreme fluctuations in temperature.

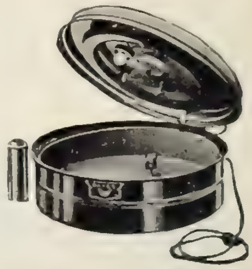
In fact, the Oakes Electric Hover incorporates the same good principle as the Oakes Electric Incubator and gives the same good result in raising chicks that the "electric hen" does in hatching them.

Furnished complete with automatic regulating attachments, brooder thermometer, and curtain.

No. C89, 18-in. Electric Hover (50–75 chicks), complete	**$13 50**
No. C90, 22-in. Electric Hover (75–100 chicks), complete	**16 50**

Oakes Electric Incubator and Brooder

Two Machines in one ***Patented June 26, 1923***



The slogan, "You can do it better with electricity," applies to artificial incubation as much as to any other phase of the great and growing industry. The results from eggs and chicks hatched in the Oakes Electric Incubator will not only meet your fullest expectations, but you will also be pleased with the ease and convenience with which this "electric hen" can be operated.

The electric current, as applied through the heater, furnishes the ideal heat for an incubator. You "push the button" and the heat is there—mild and constant—always the same, perfectly safe and under absolute control within the fraction of a degree. No other incubator can be made so completely automatic as the electric machine.

The Oakes Electric Incubator is light and compact, and occupies small space. It is metal throughout, except the insulation, which is porcelain, asbestos, and fiber. The case is double walled and packed with wool felt to hold the heat.

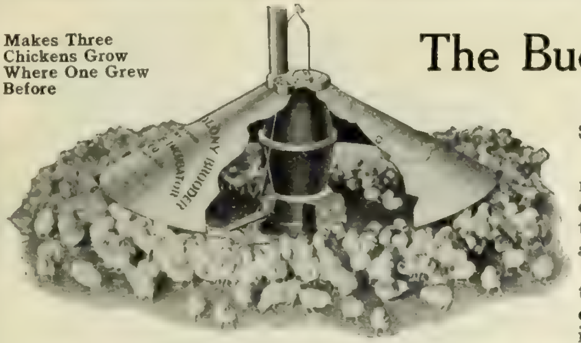
The heating element is in the top of the machine and is so arranged as to evenly distribute the heat.

The Oakes "electric hen" is very economical to operate. It consumes a surprisingly small amount of electric current in a room of ordinary temperature. The 60-egg machine uses 15 K. W. H. per hatch; the 100-egg machine about 20 K. W. H. per hatch.

The regulator is simple in construction and all parts are in plain sight and easily accessible at all times. The ventilation is entirely automatic. In addition to all necessary equipment, we send along with each "electric hen" a tube which can be placed over the light and makes a first-class electric egg-tester. A set of legs and a double brooder curtain are furnished as part of the equipment with each "electric hen."

It requires only about five minutes to remove the lid from the Incubator and attach the legs and curtain, making a most perfect hover. A little glass window in the top of Incubator enables the operator to read the temperature without raising the lid. It is easy to do this even at night, for then you simply push the little button on top of the lid and the electric bulb lights inside. These two features enable you to not only keep posted on the temperature with a minimum of time and effort, but also enable you to watch the progress of the eggs and chicks at hatching time. These machines are furnished for either 32-volt or 110-volt currents. Used on either direct or alternating currents. Be sure to specify voltage and current desired.

No. C87, 60-egg, complete with thermometer, hover-curtain, and legs	**$18 00**
No. C88, 100-egg, complete with thermometer, hover-curtain, and legs	**25 00**



Makes Three Chickens Grow Where One Grew Before

The Buckeye Coal-Burning Colony Brooder

The Most Remarkable Brooder Ever Invented

SELF-FEEDING **SELF-REGULATING** **EVERLASTING**

Buckeye Brooder Stoves will do anything any other Brooder will do, regardless of price—and do it better. It matters not whether you have ten or ten hundred chicks under a Standard Colony Brooder, the results are the same. You can remove part of the chicks or increase the number at any time.

Air Always Pure and Fresh. No dampers or valves of any kind between the smoke-pipe and the fire, the draft being controlled automatically, an exclusive feature of the Standard Colony Brooder and the only coal-burning brooder that is absolutely free from gases under the hover.

Operated Anywhere. No room is too large or too small for a Standard Colony Brooder. Whether it is operated in the largest barn or the smallest colony house, the results will be the same.

Burns Any Fuel. Hard or soft coal, charcoal, coke, briquettes, or gas. Hard coal is best simply because it is cleaner.

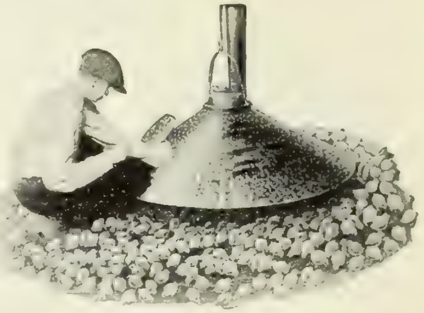
Regulator. Two double-disc thermostats (tandem hitched), supported on substantial casting that is bolted solidly to stove. Lower arm movable and attached to double check valve by substantial iron rod. Chick-proof, accurate, and positive.

Buckeye Colony Brooder is fireproof, simple and requires little attention; has but one adjusting nut, which you need never touch more than once in a season. Requires absolutely no more attention than filling with coal once a day, shaking down the ashes into the pan twice.

The canopy furnished with the Buckeye Brooders is made of 28-gauge galvanized steel and the stove is equipped with rocker grate, self-cleaning and anti-clog. The equipment includes portable ash-pan for stove and rope and pulleys for canpoy.

	Height of Stove	Diam. of base	Diam. of grate	Diam. of canopy	Weight crated	Capacity chicks	Price complete
No. 18	**20 inches**	**11 inches**	**8¼ inches**	**42 inches**	**75 lbs.**	**500 or less**	**$21 50**
No. 19	**21½ inches**	**12 inches**	**9 inches**	**52 inches**	**95 lbs.**	**1,000 or less**	**26 50**
No. 25	**24 inches**	**14 inches**	**10 inches**	**56 inches**	**107 lbs.**	**1,200 or less**	**30 00**

The Reliable Coal-Burning Colony Brooder



The New 1923 Reliable Coal-Burning Brooder is, without question, one of the most durably constructed Brooders made and with ordinary care, it will last a lifetime. It appeals to the best judgment of the best poultry judges of the world. Moreover, it does its work to perfection in the hands of the most inexperienced operator. It has features and qualities that are not possessed by any similar Brooder and it is worth more to you on account of these improvements.

It has a pouch feed door in the new designed top of the stove, which increases the coal capacity.

The Stove weighs fully 15 per cent more and has 10 per cent larger coal capacity than any similar stove of the same brooding capacity on the market. This does not seem of much importance but when you stop to think that this 10 per cent more coal will run this stove from two to four hours longer, it is an item worth considering.

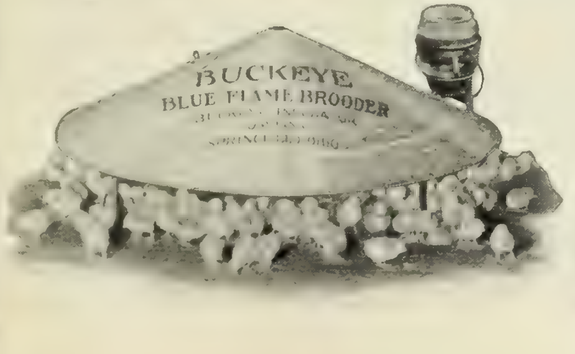
Burns soft coal. Hard coal is best to use if it can be obtained, but this is not always possible, so to make this Brooder adaptable to the use of soft coal, we have equipped it with a 4-inch flue and a screw plate draft, making it possible to burn soft coal without it clogging up or going out.

	Height	Diam. of cylinder	Diam. of grate	Canopy	Capacity	Price
No. 9	**22 inches**	**10 inches**	**9 inches**	**42 inches**	**500 or less**	**$21 50**
No. 10	**26 inches**	**13 inches**	**11 inches**	**52 inches**	**1,000 or less**	**26 50**
No. 11	**26 inches**	**13 inches**	**11 inches**	**60 inches**	**1,200 or less**	**30 00**

Buckeye Blue-Flame Colony Brooder

Here is a Colony Brooder heated by an extremely efficient "Blue-Flame" burner that can be used to good advantage by breeders who are unable to secure hard coal, equipped with an improved type of "Blue-Flame" burner that will furnish an abundance of heat at a very low cost of operation. There is nothing complicated about their operation, and since we know them to be the most highly efficient Brooders of this type on the market, we have no hesitation about recommending them to our trade.

The Improved Buckeye Blue-Flame Brooder is positively insured against the clogging of oil or flushing the burner. The large free channels guard against all chance of stopping the oil-supply and a continuous supply of heat is therefore assured during every minute of the day and night. Just so long as any oil remains in the reservoir, it will be fed to the burner with absolute certainty, so with an assured supply of oil to the burner and a system of regulation that cannot go wrong we have a Brooder that should fill every requirement and satisfy every user.



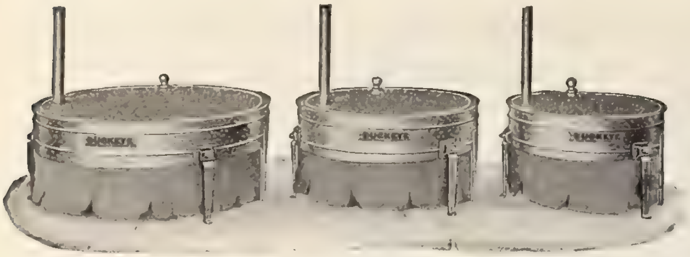
All these Brooders, regardless of size, are equipped with a self-feeding oil container, holding one gallon of oil, which never requires filling more than once in twenty-four hours.

The flame in the burner is controlled by turning the wick higher or lower, just as we regulate the flame of an ordinary lamp.

The baffle plate in canopy reflects the heat more directly on the backs of the chicks.

The hovers are substantially built of galvanized steel and are supported by four cast-iron legs.

No. 27. Diameter 34 inches, 200 chicks	**$17 50**
No. 28. Diameter 42 inches, 350 chicks	**20 00**
No. 29. Diameter 52 inches, 500 chicks	**22 50**



Buckeye Lamp-Heated Brooders

There is no waste of heat. The dead air-space keeps all the heat in and all the cold out.

The "Buckeye" Lamp is Not Enclosed. This feature of the "Buckeye" Brooder is in itself one of the most valuable improvements ever made to an oil-burning Brooder. It is, in fact, the improvement that makes the oil-burner just as safe as a coal-burning stove.

Fresh Air. The constant current of fresh air over the lamp-bowl prevents all possibility of overheating the oil, and absolute safety is the result. This improvement is just as good as an insurance policy. It's the fresh air that makes the chicks grow.

The Outside Shell is made of 28-gauge galvanized steel—the inside shell is 28-gauge black iron—with a one-inch dead air-space between.

The Brooder Body is supported by three Cast-Iron Legs that are rigidly secured to the sides by a set-nut, which makes them easily detachable.

The Lamp Support is free from the floor and is welded to the plate above. The door to the lamp-chamber is of galvanized steel with a large peep-hole for the ready observation of the lamp.

The Lamp-Bowl is made of seamless galvanized steel—the burner is a "Miller"—all the fittings are of heavy brass and the chimney is made of sturdy black iron.

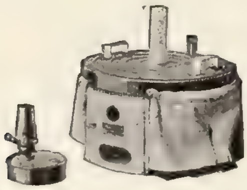
The Thermometer is mounted on a hardwood turning which is dropped through the top of the brooder, and brings the bulb of the instrument right down to the level of the chicks. Each Brooder is equipped with a thermometer.

Made in Three Sizes

No. 20.	**Diameter 19 inches, 60 chicks**	**$11 75**
No. 21.	**Diameter 22 inches, 100 chicks**	**15 50**
No. 22.	**Diameter 30 inches, 150 chicks**	**19 00**

Oakes Economy Hover

Patented January 4, 1916

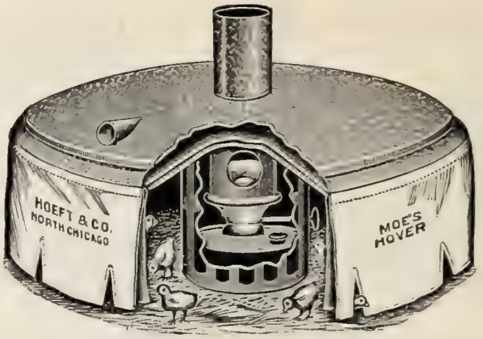


SAFETY CONVENIENCE ECONOMY

The Oakes Economy Hover is simple in construction, made of steel throughout, and all parts are seamed or welded together, making it light, strong, and durable. It is complete in itself and can be conveniently lifted by the two handles without disturbing the lamp. It can be used anywhere, as it stands on a level floor; no platform, false floor, or other preparation necessary.

The lamp, lamp-slide, and lamp-box form a very convenient combination, and one which is doubly safe, as the lamp has an O. K. Safety Burner, and the lamp-box is fireproof.

No. C102.	**Hover. 18-inch drum, without cage**	**$6 50**
No. C103.	**Hover. 22-inch drum, without cage**	**10 00**



Moe's Chick Hover

The Canopy is of heavy galvanized steel, and consists of a top and bottom layer, with a deflector or baffle plate between them, all double seamed and perfectly air-tight.

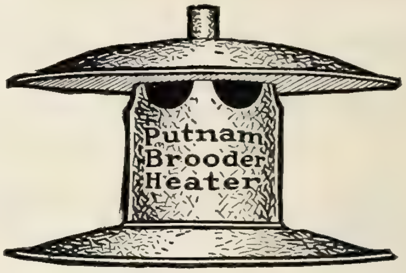
The metal chimney fits snugly into the bottom of the canopy and the lamp or heating unit is arranged to secure perfect combustion and ventilation.

The hollow canopy radiates an even warmth over the entire curtained space and there is a convenient peep-tube leading to the lamp, so the operator can quickly see if the wick is at the correct height, and burning properly. The lamp is protected with a slotted galvanized iron shield, from the floor to the canopy, so the chicks cannot injure themselves.

The curtain is of white canvas, in two layers, with alternate slits or openings to prevent drafts.

A very excellent Hover at a low price.

No. 154 Moe's Hover. Capacity 50 chicks. Diameter of canopy 19 inches, height of hovering space 6½ inches, depth of curtain 6 inches, height to top of draft pipe 14 inches. **Price, $5.50.**



Putnam Brooder Heater

Burns 10 days without attention

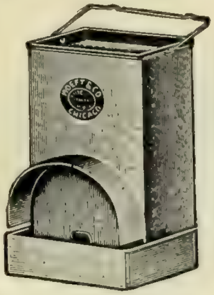
The Putnam Brooder Heater is the heating plant for the Putnam Home-made Brooder. Directions for making this brooder at trifling cost are packed with every Heater. Anyone can build one in an hour or so with no tools but saw and hammer. It would care for 35 to 60 chicks. The Heater is made entirely of brass and galvanized iron and is practically indestructible. It holds one quart of oil and burns from eight to ten days without refilling or any other attention. The Heater cannot be blown out by a hurricane. It is fire-safe and fool-proof. Tens of thousands of Putnam Brooders have been built and used with success. **Price $4.75, postpaid.**

Basic Feeds

These feeds have a definite, tangible effect on health, growth, and egg production.

The Basic Ration constitutes an assurance of success with poultry.

The best time to start their use is **now. Write for prices.**



Moe's Drop-Bottom Wall Fountain

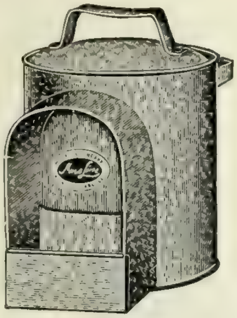
A practical, durable Fountain. Easy to fill and easy to clean. Made of best quality galvanized iron. May be hung on the wall out of the litter and dirt.

Suitable for chicks, fowls or pigeons. Fitted with wire handles, so that two or more Fountains, back to back, can be carried in one hand.

Made in three sizes.

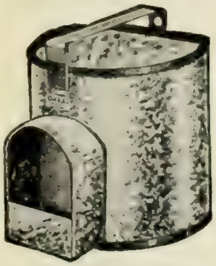
	Each	Postpaid
No. 40. 2-quart	$0 90	$1 05
No. 41. 1-gallon	1 10	1 25
No. 42. 2-gallon	1 40	1 65

Moe's Improved Wall Fountain



Made of heavy galvanized iron, in three sizes. The covered outlet keeps out dust and dirt, and the outlet is further protected by a removable plate which prevents any floating rubbish from being drawn into the reservoir.

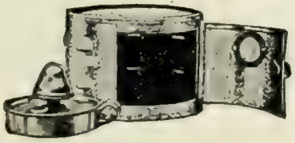
	Each	Postpaid
No. 97. 2-quart	$0 90	$1 00
No. 98. 1-gallon	1 10	1 25
No. 99. 2-gallon	1 40	1 60



Oakes Quality Wall Fountain

This style of drinking fountain, called Wall Fountains because they are especially designed to hang against the wall, have been in use for a number of years, and in some localities are very popular, as they are convenient to use and low in price. We make two sizes, 1-gallon and 2-gallon. They have flat backs, so they can be placed horizontally on the ground for filling, and also to make them rest firmly against the wall when hung up. Made of No. 28 galvanized steel with heavy strap handles and hangers.

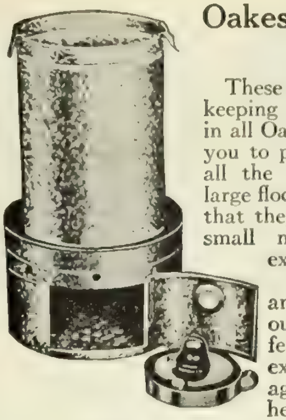
	Each
No. C31. 1-gallon	$1 35
No. C32. 2-gallon	1 60



Oakes O. K. Heater for Drinking Fountains

To keep the drinking-water for your fowls always warm through the cold weather, it is necessary to supply some heat. The O. K. Heater is made to meet this requirement and is suitable for any kind of drinking-fountain, and for any size up to 4-gallon capacity. The Heater is 10 inches in diameter, and stands 7 inches high. This Heater can be used anywhere with perfect safety, as it has a chimneyless lamp, and it stands firmly so that the fowls can not overturn it. Made of galvanized iron and is just the thing to keep water from freezing. The burner is No. 1 size, as only a very small flame is required.

	Each
No. C41	$1 75



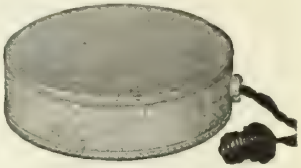
Oakes Combination Fountain and Heater

These new Oakes products are in thorough keeping with the spirit of quality embodied in all Oakes Poultry Supplies. They enable you to provide warm water for your fowls all the time. While made especially for large flocks, these Heaters are so economical that they can be used for a comparatively small number of fowls without much expense.

The lamp burns common kerosene and uses very little of it because of our superior construction. A special feature in the 8-gallon size is the extra deck which deflects heat against the water; it throws all the heat up against the water tank, and more especially around the edges, thereby using every bit of heat from the flame and also preventing any chilling of water even in the coldest weather.

Another big advantage of these Fountains is that they allow the chickens to drink all around them. Furnished with chimneyless burner and Oakes seamless oil-founts. Made in five sizes—a size to suit everybody's needs.

		Each
No. C36. 1-gallon.	Weight 10 lbs	$3 00
No. C37. 2-gallon.	Weight 12 lbs	3 25
No. C38. 3-gallon.	Weight 16 lbs	4 00
No. C39. 5-gallon.	Weight 20 lbs	4 75
No. C40. 8-gallon.	Weight 27 lbs	5 95



Oakes Electric Heater for Water Fountains

Here's the easiest and best way yet devised to keep poultry drinking-water at exactly the right temperature throughout the winter. It is economical, safe, and thoroughly desirable wherever electric current is available. No muss; no lamps to clean or fill; no danger of fire. Made of galvanized iron throughout, has special Heater coil and durable drop cord 8 feet long. Heater is 8 inches in diameter. Shipping weight, 5 pounds.

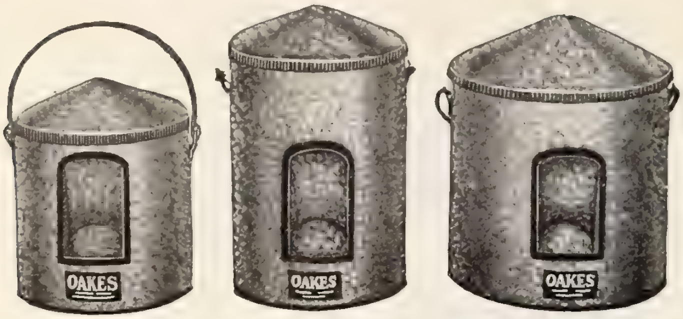
	Each
No. D50	$1 75

LITTLE PUTNAM STOVE

"Burns a month without attention"

Little Putnam Stove

The Little Putnam Stove is used under the drinking vessel in the poultry-house to keep the water from freezing during the winter months. It is also used as the heat element in the Putnam Home-Made Oat Sprouter. It is 8 inches in diameter and 4 inches high and is made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. The combustion is complete and perfect, doubling the heat value of the oil. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention. The wick never needs trimming. The stove with any kind of fair usage will last a lifetime. Full directions for making a home-made Oat Sprouter at trifling cost furnished free with every Little Putnam Stove. **Price $2.50, postpaid.**



Oakes Sani-Thermo Fountain

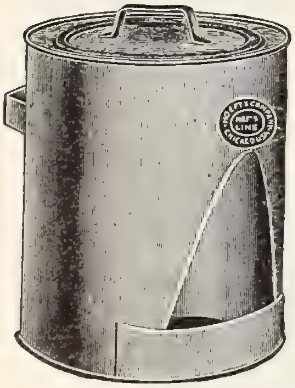
Keeps Water Warm or Cool—Easy to Fill and Clean
Top-Filled; Cleanable

Here's the most modern method of supplying poultry with satisfactory drinking-water at all times. It insures sanitary, healthful water, regardless of season or location, and it keeps it warm in winter and cool in summer. No lamps to bother with and no expense.

The ingenious arrangement of the Oakes Sani-Thermo Fountain holds the water at the right temperature for a long time. Made of galvanized iron. Top-filled, making it easy to fill and clean.

Heavy wire handle makes Fountain easy to move. Conical top keeps fowls from roosting on fount. Well insulated. Made in three sizes:

	Each	Postpaid
No. C16. 2-gallon. Weight 27 lbs	$4 00	$4 25
No. C17. 3-gallon. Weight 30 lbs	4 50	4 75
No. C18. 5-gallon. Weight 38 lbs	5 50	5 90



Moe's 5-Gallon Wall Fountain

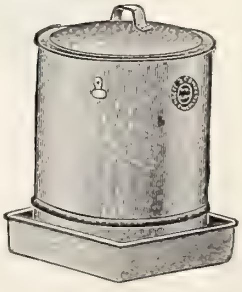
A large capacity Fountain, made of heavy galvanized iron.

This style appeals to many breeders, as it is a strong substantial Wall Fountain at a low price. Excellently adapted for watering pigeons. Easily filled and nothing to get out of order. Height 13 inches; diameter 11 inches.

	Each	Postpaid
No. 74. 5-gallon	$1 95	$2 15

With Oakes No. C41 Heater, shown on page 97, **$3.85**; postpaid, **$4.10.**

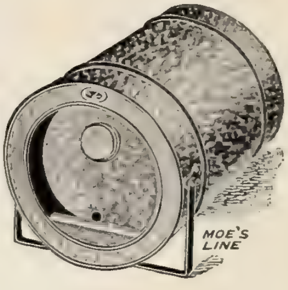
Moe's Top-Fill Fountain



Fills from the top. Dead air-space between cover and reservoir keeps water cool in the summer, and prevents freezing in winter. There are no valves to get out of order. It is thoroughly sanitary and as easily cleaned as an ordinary pail. It protects the fowls from their own contamination. It does away with slopping over when being filled. It supplies just enough pure water and no more. Manufactured of heavy galvanized iron in three sizes. Can be used for two pens at the same time.

	Each	Postpaid
No. 1. 1-gallon	$1 75	$1 90
No. 2. 2-gallon	2 50	2 70
No. 4. 4-gallon	3 00	3 20

Moe's Insulated Double Wall Fountain



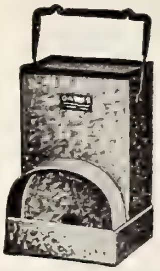
Made of best quality galvanized iron, with double walls packed with an efficient insulating material. Has a large filler opening so it can be easily cleaned, which is a very important feature, and one that is lacking in most insulated Wall Fountains.

Easy to fill, and feeds the water automatically. An excellent winter Fountain, and equally good in summer to keep the water cool and fresh.

The wrought iron stand or rest is hinged, and acts as a handle to carry the Fountain.

Plenty of fresh water at the right temperature, in zero or torrid weather will keep your birds healthy and increase the egg-yield.

	Each	Postpaid
No. 8. 3-gallon	$4 00	$4 25



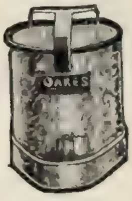
Oakes Sanitary Drop-Bottom Fountain

This Fountain is made along the same lines as the Improved Drop-Bottom Fountain. It is rectangular in shape, with hinged pan that is fastened by brass catch in front.

The hole which allows the water to run from the Fountain into the trough is behind the brass latch, which prevents the water from slopping out when the Fountain is handled. Made in three sizes:

	Each
No. C28. 2-quart	$0 95
No. C29. 1-gallon	1 20
No. C30. 2-gallon	1 50

Oakes Improved Drop-Bottom Fountain

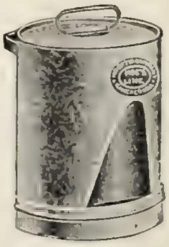


SINGLE WALL

This Fountain combines the good qualiites of the three Fountains—Economy, Flat-Back, and Drop-Bottom. The pan, which forms the trough, is hinged at the back and fastened by a catch in front. The flat back allows the fountain to be firmly placed against the wall and the drop bottom enables the fount to be thoroughly cleaned and kept sanitary.

	Each
No. C22. 2-quart	$1 00
No. C23. 1-gallon	1 25
No. C24. 2-gallon	1 65
No. C25. 4-gallon	2 25

Moe's Wall Fountain



Removable Bottom Easily Cleaned

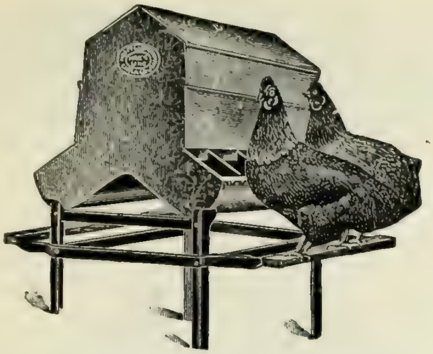
A practical and convenient style of Fountain, made of heavy galvanized iron. Can be hung on the wall, up out of the litter.

A very popular style with many breeders.

Made with a removable bottom, so that all parts may be easily cleaned and kept in a sanitary condition.

	Each	Postpaid
No. 26. Capacity about 1 gallon	$0 75	$0 90

O. K. SANITARY POULTRY LITTER. $4.00 per bale; in 5 bale lots, $3.75 per bale.



Moe's Mammoth Dry-Mash Hopper

A large capacity Hopper built on correct principles. Made of heavy galvanized iron, strong and substantial in every detail.

Has many excellent features; for instance, it will accommodate a full 100-pound bag of mash, doing away with the annoyance and waste of having a partly empty bag of mash on the premises. The feed is within easy reach of the chickens, and is protected from the weather and from the ravages of rats and mice.

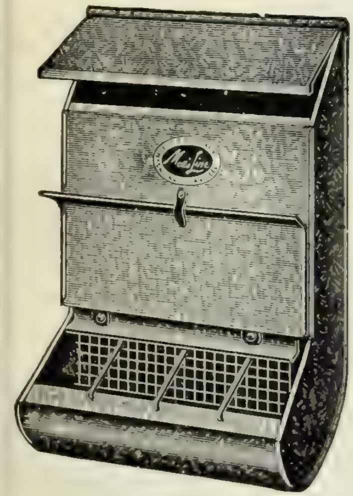
The taper shape and interior construction provide a uniform automatic feed, and the wire grid and cross wires prevent any waste.

The stand is of heavy angle iron, painted, and has wooden bars for the poultry to rest on when feeding.

Length of hopper 35 in., width 21 in., height 18½ in. Capacity 100 lbs.

Height of stand 15½ in., total height 34½ in.

	Each
No. 3. Hopper and stand complete	**$12 00**



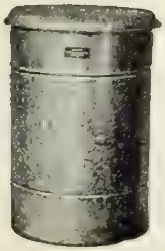
Moe's Dry-Mash Hopper

A Dry Mash Hopper of great merit, made of heavy galvanized iron. All parts accurately stamped with dies. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the Hopper—larger at the bottom—prevents the feed from clogging.

The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed. The sloping top prevents them from roosting on the Hopper. When both covers are closed it is rat-, mouse-, and weather-proof. Made in four sizes:

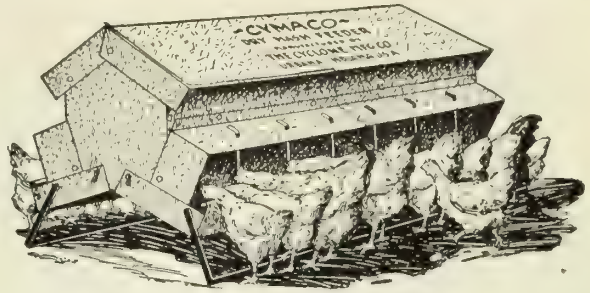
	Each	Postpaid
No. 35. 10-quart. 8½ inches wide	**$1 50**	**$1 70**
No. 36. 14-quart. 12 inches wide	**1 95**	**2 25**
No. 13. 22-quart. 18 inches wide	**2 35**	**2 65**
No. 37. 32-quart. 24 inches wide	**2 75**	**3 05**

Galvanized Iron Feed Bin



These Feed-Bins are just the thing to keep your feed from rats and mice. They are 18 inches in diameter by 27 inches high and hold a 100-pound sack of feed. The lid can be used for filling the feed-hoppers.

	Each
No. C83. Packed one in a crate. Shipping weight, 35 lbs	**$3 75**

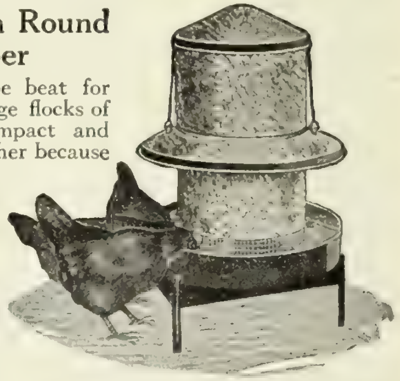


Cymaco Feeder

This Feeder is made of galvanized steel with enameled legs; well constructed and adjustable as to flow of feed; will not clog. We consider it a most desirable aquisition for the poultry keeper.

	Each	Postpaid
No. 12. ½-bushel	**$2 25**	**$2 40**
No. 24. 1-bushel	**3 75**	**4 00**

Oakes Mammoth Round Feed Hopper



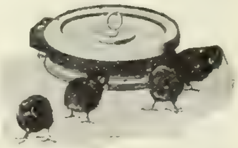
This outfit cannot be beat for feeding dry mash to large flocks of fowls. It is more compact and convenient than any other because the round shape enables fowls to eat all around the edge in a circle. This arrangement accommodates more fowls with less fighting and less muss than any other method. Lid can be lowered to protect feed from rats, mice, birds, and weather. Also note capacity—100 pounds.

The pan, forming the trough from which the fowls eat, is seamless, being drawn from a disk of steel. It is 22 inches in diameter and 3½ inches deep, and is divided by partitions placed close together to prevent the fowls from throwing out the feed.

The hopper is made of No. 26 and No. 28 galvanized steel and holds more than 1½ bushels. Price only about half that asked for other hoppers of similar capacity. Packed one in a crate; shipping weight, 60 lbs.

	Each
No. C10	**$7 50**
No. C11. Complete with stand, as shown in illustration	**8 25**

Automatic Chick Greaser

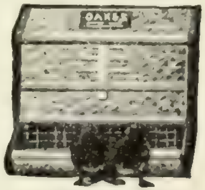


Formerly the only way to get rid of harmful head-lice was to catch every chick and rub grease on its head; but this slow, tedious process is not necessary since the invention of the Automatic Chick Greaser.

The wick around the upper part of the greaser is saturated with oil (a mixture of two-thirds lard and one-third kerosene or black oil) and every chick which eats out of the pan will get its head thoroughly greased in a very few minutes.

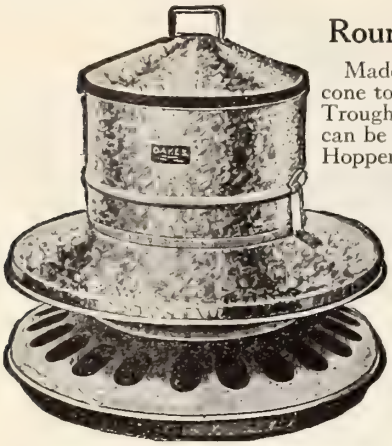
	Each	Postpaid
No. C75	**$1 25**	**$1 40**

Baby Chick Feed Hopper



This Hopper is made of galvanized iron throughout. It is designed especially for feeding baby chicks. The Hopper is 8 inches in height and about 3 inches wide. Just the thing to feed dry mash for baby chicks. Made in two sizes:

	Each	Postpaid
No. C76. 10-inch	**$1 35**	**$1 50**
No. C77. 20-inch	**1 60**	**1 80**



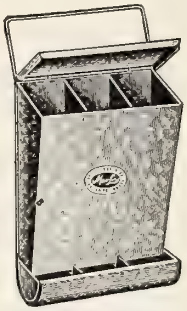
Round Chick Hopper

Made of galvanized steel, with cone to keep feed from clogging. Trough is covered with lid which can be lowered at night, making Hopper rat- and mouse-proof.

A neat, practical, and durable Hopper. Just right for feeding pigeons as well as poultry. Height, 14 inches; diameter of hopper, 7½ inches; diameter of pan, 12 inches.

	Each	Postpaid
No. C74	$1 75	$1 90

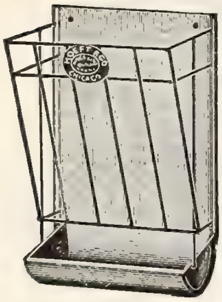
Moe's Grit and Shell Box



The feeding of grit, ground shells, and charcoal is now recognized as an essential part of the diet, to keep fowls in healthy, prime condition.

Can also be used as feed-hoppers for little chicks.

Made of heavy galvanized iron in three sizes. The No. 45 for baby chicks has a square bottom, the other sizes have round bottoms. No solder used in their construction.

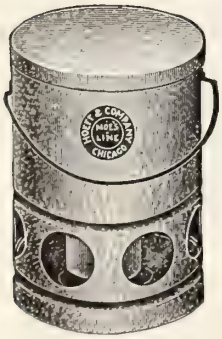


	Each	Postpaid
No. 45. 2-compartment	$0 40	$0 50
No. 9. 3-compartment	85	1 00
No. 90. 4-compartment	1 20	1 40

Moe's Poultry Vegetable Rack

For holding roots or hay, alfalfa, clover, etc. It prevents scattering hay and wasting. The round trough at the bottom catches the small tender leaves. Feed saved soon pays for the Rack.

	Each	Postpaid
No. 44	$0 75	$0 90

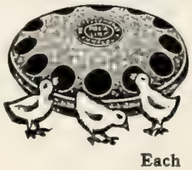


Moe's Pigeon Feeder

Pigeons are particular and fastidious feeders with a strong tendency to scatter and waste feed. Moe's Round Pigeon Feeder was especially designed to overcome this. Made of heavy galvanized iron, with feeding-holes properly spaced all around the Hopper. The Hopper has a slanting bottom leading through a large tube to the feeding-bottom. This feeding-trough, or bottom, is also made on a slant causing the birds to reach for the food and prevents them from billing the feed out and wasting it.

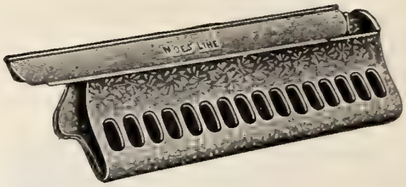
	Each	Postpaid
No. 105. Capacity 3 Quarts	$1 00	$1 15
No. 106. Capacity 6 Quarts	1 50	1 70

Moe's Baby Chick Feeders



A great feed-saver, and can also be used for water or milk. Accurately stamped with dies. Top fits snugly, yet is easily taken off for filling and cleaning.

	Each
No. 11. Diameter 6 inches, with 8 holes	$0 15
No. 12. Diameter 8 inches, with 12 holes	25



Moe's Large Capacity Feeder

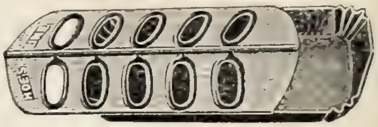
A wonderful Feeder for young growing stock. Has a large capacity, with 16 openings on each side, so that 32 chicks can feed at one time. The birds cannot roost on the cover or sides.

Has a sliding top cover, easy to fill and clean.

Made of heavy galvanized iron. Length 21 in.; width 8½ in.; height 7 in. Capacity 10 quarts.

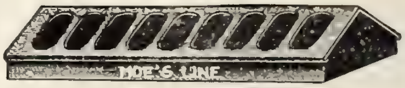
	Each	Postpaid
No. 140	$1 20	$1 35
No. 141. Capacity 17 quarts. Length 35 in.; width 8½ in.; height 7 in.; 27 openings on each side, so that 54 chicks can feed at one time	1 80	2 00

Moe's Eclipse Feeding-Troughs



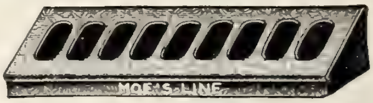
A new popular-priced Feeding-Trough, made of galvanized iron and intended for chicks and growing stock. The pan and top are both stamped in one piece, no seams, rivets or solder used. Sliding top makes them easy to fill and keep clean. Made in two sizes.

	Each	Postpaid
No. 27. 10 inches long	$0 25	$0 35
No. 28. 20 inches long	35	45



Moe's Double Feeding-Troughs

	Each	Postpaid
No. 58. 12 inches long	$0 40	$0 50
No. 59. 18 inches long	55	65
No. 60. 24 inches long	65	80



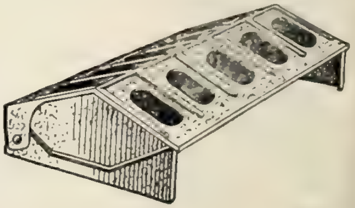
Moe's Single Feeding-Troughs

For Chicks and Growing Stock

Made of best quality galvanized iron, accurately stamped with dies. No sharp or rough edges to injure the chicks. Sliding top. Easy to fill and clean. Made in three sizes. Can be hung on the wall.

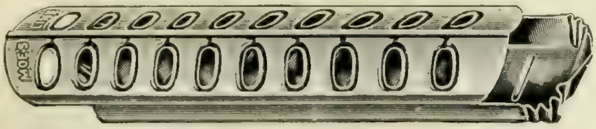
	Each	Postpaid
No. 58. 12 inches long	$0 30	$0 40
No. 59. 18 inches long	40	50
No. 60. 24 inches long	50	65

Hinged-Cover Chick Troughs



A practical device for dry mash, hard grains, or grit. The cover which has openings through which the chicks feed, is hinged to trough, making the filling easy. Made in two sizes.

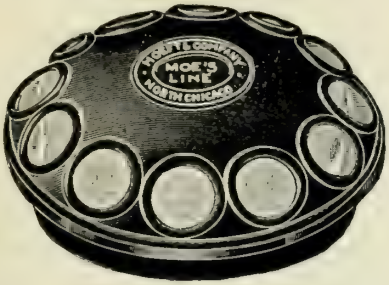
	Each
No. 10. 10 inches	$0 25
No. 20. 20 inches	45



Heavy Tin Buttermilk Feeders

Feeding-troughs in tin plate; sliding top; easy to clean. No seams, rivets or solder. Clean, sanitary feeders.

		Each
No. 137.	**10 inches long, 10 holes**	**$0 35**
No. 138.	**20 inches long, 20 holes**	**50**



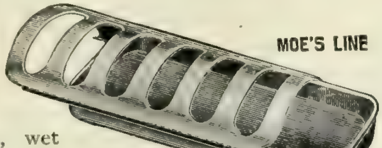
Porcelain Enameled Feeder

Moe's Round Chick Feeder, enameled inside, white porcelain, is not affected by milk or acids and is just the thing for feeding buttermilk, sour milk, and medicated feeds. Sanitary and safe. Easily kept clean. Diameter 8¼ inches with 12 feeder holes. Packed 24 in a carton. Shipping weight 21 lbs. per carton.

	Each
No. 190	**$0 75**

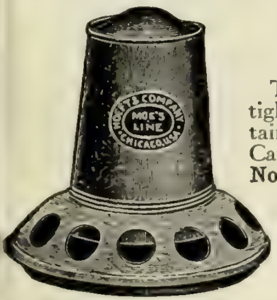
Moe's Sanitary Feeding-Troughs

For Grown Fowls



Suitable for dry feed, wet mash, or water. The top slides off, so the pan can be easily cleaned, and filled. Made of best quality galvanized iron, accurately stamped with dies. The edges of the slotted openings are all turned over and smoothly finished. No sharp or rough edges to injure the chicks. Made in three sizes.

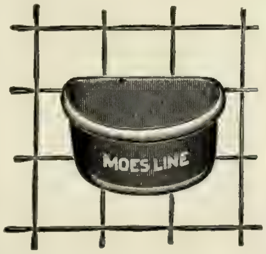
		Each	Postpaid
No. 21.	**12 inches long**	**$0 30**	**$0 40**
No. 22.	**18 inches long**	**45**	**55**
No. 23.	**24 inches long**	**60**	**75**



Magazine Chick Feeder and Waterer

The top Magazine is water- and air-tight, so can be used as a feeder or fountain. Adjustable for various kinds of feed. Capacity, 2 quarts.

	Each	Postpaid
No. 18	**$0 60**	**$0 70**

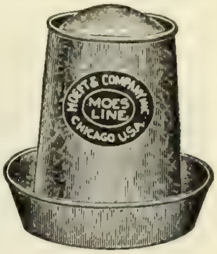


Moe's Feed and Water Cups

A new Cup drawn from one piece of heavy terne plate, a rust-resisting metal. There are no seams or solder or rivets—all one piece including the hanger lugs on the back. A practical, convenient and durable Cup for exhibition coops. Capacity about ½pint.

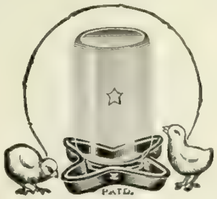
No. 61	**$0 15**

Moe's Bottom-Fill Fountain



The chicks cannot get into the basin to foul the water nor to drown, and will not roost on the top. They are easily cleaned, are light and durable, and will not freeze and burst in winter.

		Each	Postpaid
No. 19.	**1-quart**	**$0 30**	**$0 40**
No. 20.	**2-quart**	**40**	**50**
No. 24.	**1-gallon**	**60**	**75**

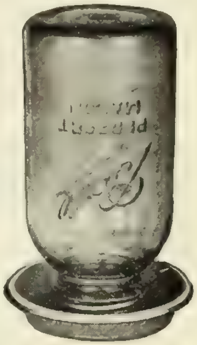


The Star Jar Fountain and Feeder

Will fit pint, quart or one-half gallon Mason jar

Convenient, cheap, and sanitary. Provides greater drinking surface than the round fountain. Can be used for feed as well as water.

Price, without Jars, 10 cts. each, postpaid 15 cts.; doz. $1.10, postpaid $1.30.



Mason Jar Fountain

This Fount is made of galvanized steel. Can screws into cap in center of pan. Enables you to use either pint, quart, or half-gallon Mason jar.

No. D69	**$0 10**

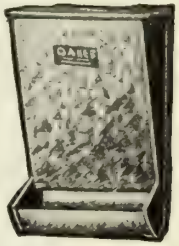
Eclipse Aluminum Feeding-Troughs

Buttermilk Feeding Troughs, made of pure aluminum, which is not affected by the acids of milk and similar feeds.

The Trough and top are each stamped in one piece, no seams, rivets or solder used. Sliding Top makes it easy to clean and fill. Made in two sizes.

		Each	Postpaid
No. 69.	**10 inches long**	**$0 50**	**$0 60**
No. 70.	**20 inches long**	**90**	**1 05**

Grit and Shell Boxes

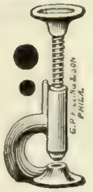


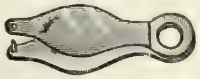
These one-, three-, and four-compartment Grit- and Shell-Boxes are well made throughout and meet the need for inexpensive outfits that will also give satisfaction. They come in three sizes, as specified below, and all have round bottoms.

		Each	Postpaid
No. C45.	**8½-inch**	**$0 80**	**$0 90**
No. C46.	**12-inch**	**1 10**	**1 20**
No. C47.	**16½-inch**	**1 20**	**1 35**

The Philadelphia Poultry Marker

Well made, with steel spring and cutter; nickel-plated. Made in two sizes. **25 cts., postpaid.**

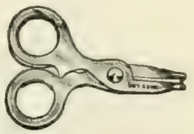




Petty's Perfect Poultry Punch

One of the best punches on the market. All steel; nickel-plated; punches clean; hole is right size; will not bruise the foot. **25 cts., postpaid.**

Moe's Ideal Poultry Punch



An improved Punch, scissors type. Works easily, cuts cleanly, and does not pinch the foot. Convenient to carry in vest-pocket and the lower end is an excellent cigar cutter. Nickel-plated finish. Length 3½ inches.

	Each	Postpaid
No. 39	**$0 50**	**$0 55**

CAPONIZERS

PHILADELPHIA CAPONIZING SET
MANUFACTURED BY
G.P. PILLING & SON CO.
PHILADELPHIA, PA.

New Philadelphia Caponizing Set

This set has many admirers. It consists of a knife, for making the incision; the spreader, for holding sides open; sharp hook, for piercing skin; the Lansdowne Remover, for removing the testicles. Cords with hooks are for holding the bird. Cup forceps for removing any foreign matter. They are fine instruments of the best workmanship. **Prices (postpaid), in velvet-lined case $2.75; in pasteboard box $2.50.**

Pilling Special Caponizing Set

The finest set in the world for the price. It is used just the same as other Caponizing Sets, except that the testicle remover cuts, like a pair of scissors, the cord of the testicle clean and clear as a whistle. The instruments in this set are put up in oak case sent postpaid with full, easy-to-use directions on recept of **$4, postpaid.**

Cornell Caponizing Set

CORNELL
CAPONIZING SET
MADE BY
G.P. PILLING & SON CO.
PHILADELPHIA, PA.

Experiments in the use of various caponizing instruments recently carried on by E. W. Benjamin, instructor in the Department of Poultry Husbandry at Cornell University, have resulted in the manufacture by us of the Cornell Caponizing Set.

This set—two testicle removers, Pilling-Farmer twisting scoop, and Pilling-Miles remover—sells for the reasonable price of **$5, postpaid.**

Lansdowne Caponizing Set

PATENT
LANSDOWNE No.2
CAPONIZING SET
G.P. PILLING & SON CO.
PHILADELPHIA, PA, U.S.A.

Lansdowne Automatic Testicle Remover is, as its name implies, automatic—quick, easy to use, and just the remover for the beginner.

Does not have a lot of unnecessary springs which are liable to get out of order. The grasping loops are exactly same principle as the Miles Remover, which has been in use for fifty years, but our patent feature has made it perfect as to simplicity of the operation and to prevent making slips. **$3, postpaid.**

Moe's Egg-Tester

Used with an ordinary lamp (No. 2 burner) in a dark room.

It will illuminate the interior of the egg, and show if the chick is alive, and also show the size of air-cell in the egg.

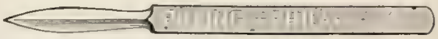
	Each	Postpaid
No. 48	$0 35	$0 45

Glass Nest Egg

Natural in appearance and uniform in size. Will not easily break.

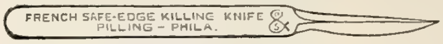
They induce the hen to lay where she should—in the nests provided for her.

Very popular, and the cleanest nest-egg used. **4 cts. each, 30 cts. per doz.; postpaid, 40 cts. per doz.**



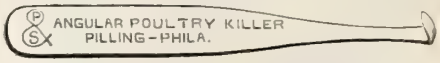
Pilling French Poultry Killing Knife

Every poultry-raiser should have one of our Killing Knives. They are made of finely tempered instrument steel, with nickel handle; will last a lifetime. Don't wait! Send for one now! Sent securely packed. **50 cts., postpaid.**



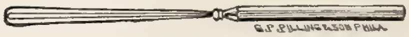
Safe-Edge Killing Knife

Exactly the same as French Killer except it cuts on one side only. **50 cts., postpaid.**



Pilling Angular Killing Knife

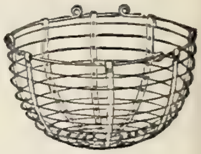
By simply turning the wrist the juglar vein and spinal cord are cut, thereby bleeding the fowl, allowing the feathers to be removed without using water. **50 cts., postpaid.**


G.P. PILLING & SON PHILA.

Philadelphia Gape Worm Extractor

25 cts., postpaid.

Wire Hens' Nests

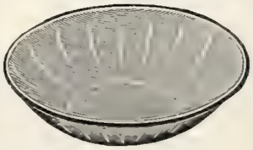


Made of coppered steel wire, with flat steel ribs, and heavy top wire, all copper finish.

Provides a clean, sanitary nest for the setting hen. Easily kept free from vermin. Intended to fasten to wall with nails or screw-hooks. Can be readily changed and filled with fresh straw or hay.

	Each	Postpaid	Doz.	Postpaid
No. 300. 12 in. x 6½ in.	$0 20	$0 30	$2 20	$2 40
No. 301. 14 in. x 7 in.	25	35	2 75	3 00

Moe's Pigeon Nests



Made of galvanized iron. Diameter 8 inches, with a small hole punched in center so it can be tacked to a board. Generally used in pairs.

Light in weight, yet substantial, and easily cleaned.

	Each	Doz.
No. 107	$0 15	$1 60

Chatfield Nest Eggs

A naphthaline egg that will keep the nest clean and pure. They are also used as nesteggs, but care should be taken not to let them come in contact with the eggs for any length of time, as the hen's eggs will become tainted. For this reason we recommend that they be put under the nesting material. **Postpaid, 10 cts. each, 75 cts. per doz. By express, 6 cts. each, 65 cts. per doz.**

The Basic Laying Ration

With the application of intelligence on the part of the feeder, constitutes what well may be termed an insurance policy of success.

Moe's Key Ring Leg Bands

KNOW YOUR HENS ON SIGHT

In ten colors—Red, Green, Amber, Black, White, Pink, Yellow, Ruby, Light Blue, and Dark Blue.

For large and small birds, chicks, and pigeons.

Mark each bird for its pen. Give each pen a different color. Mark old birds and pullets differently and know what you are doing.

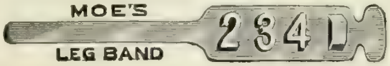
Perfecto Bands have extra-long lap, making them strong and securing them from coming off.

SIZES

No. 1, Asiatic Breeds.	**No. 4, Bantams.**
No. 2, American Breeds.	**No. 5, Pigeons.**
No. 3, Leghorns, etc.	**No. 6, Baby Chicks.**

Nos. 1, 2, 3, and 4	Postpaid
12 bands	$0 15
25 bands	30
50 bands	50
100 bands	75
500 bands	3 60
1,000 bands	7 00

Nos. 5 and 6	Postpaid
12 bands	$0 10
25 bands	20
50 bands	35
100 bands	50
500 bands	2 25
1,000 bands	4 00



Moe's Aluminum Leg Bands

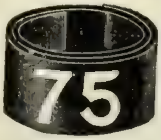
Made of sheet aluminum, with large raised numbers, easy to read from a distance. Adjustable for any size fowl. Accurately made and quickly applied. Packed in paper cartons of 12, 25, 50 and 100 bands each. Numbered from 1 to 999. **Prices, ppd.**

No. 130. Adjustable Aluminum Leg Bands.

12 bands	$0 15	100 bands	$0 75
25 bands	25	500 bands	3 50
50 bands	45	1,000 bands	6 00

Bandettes

BIG VISIBLE NUMBERS



Our bevel-ended Spring Clip Bandette was designed to overcome the objectionable features of the old-fashioned aluminum band with its crude tongue and slot fastening. The ends being beveled, give the Bandette a neat and jointless appearance, leaving nothing projecting to catch in wires, hedges, etc. The colors are not affected by weather, are always bright and distinctive. Bandettes being made of special quality material for the purpose, the bands spring back to their original size after being opened out to put on bird's legs.

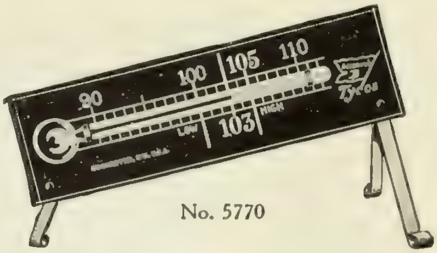
Colors and numbers are instantly visible 10 feet away.

PRICES OF BANDETTES	Postpaid
25	$0 60
50	1 10
100	2 00
500	9 50
1,000	18 00

BABY CHICKS

Get our prices before placing your order. All leading breeds from high-bred stock. Beginning early in March will furnish chicks until the end of the season late in June.

No. 5792



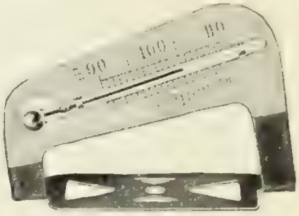
No. 5770

Thermometers and Hygrometers

For incubators and brooders. You can depend upon their lasting accuracy

	Each	Postpaid
No. 1046. Buckeye Incubator Thermometer	$0 75	$0 85
Buckeye Universal Thermometer	1 00	1 10
No. 5770. Tycos Incubator Thermometer	75	80
No. 5792. Brooder Thermometer	75	85
No. 5794. Brooder Thermometer	50	55
No. 5796. Tycos Incubator Hygrometer	1 75	1 85

Porcelain Enamel Incubator Thermometer



The latest and most highly improved Incubator Thermometer now on the market is the new American.

Complete porcelain enamel stand, designed to give the most minute temperature right at the eggs without loss of egg space on the tray.

Wide-bore lens-tubing, easily read, with large black figures on white background; non-corrosive scale. Accuracy guaranteed.

No. 120 .... $0 85

Folding Egg Boxes

These Boxes are used for delivering eggs direct to customer. We can furnish them either in Gray or White, printed or plain, in one-dozen size.

This Egg Box is made of the very best material, and your customers will be pleased with its appearance. Most complete and strongest paper box on the market.

ONE DOZEN SIZE. LITHOGRAPHED-PRINTED

		Postpaid
12 Boxes	$0 35	$0 40
50 Boxes	1 25	1 40
100 Boxes	2 25	2 50
250 Boxes	4 50	
500 Boxes	8 50	
1,000 Boxes	16 00	

ONE DOZEN SIZE. GRAY. PRINTED

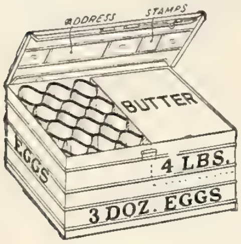
		Postpaid
12 Boxes	$0 20	$0 25
50 Boxes	65	75
100 Boxes	1 25	1 50
250 Boxes	2 50	
500 Boxes	4 15	
1,000 Boxes	7 50	

ONE DOZEN SIZE. WHITE NO PRINTING

		Postpaid
12 Boxes	$0 25	$0 30
50 Boxes	75	85
100 Boxes	1 35	1 60
250 Boxes	2 75	
500 Boxes	5 00	
1,000 Boxes	9 00	

The Ellis Aluminized Metal Egg Crates

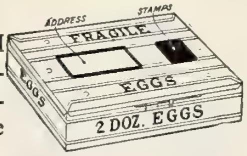
This is the New Model with the metal edged filler and it is a wonder. Solves every problem of shipping eggs and butter and other soft products by mail. Built for continued use; practically indestructible; lasts for years. No wrapping is required.



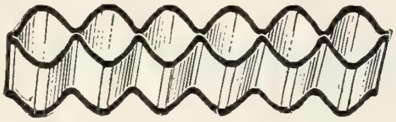
Combination Crates

Any size Combination Crate desired can be supplied to carry eggs, with metal containers to hold butter, lard, sausage, honey, cut-up chicken, country sliced ham, etc. Any of these Combination Crates will be found surprisingly satisfactory. Butter, lard, and other soft products will not melt or run in warmest weather.

Reversible Address Cards



Reversible address cards are placed over eggs, address visible through opening in lid. Names of shipper and receiver are placed, one on one side, the other on the reverse side of this card.



Metal Edge Filler

This is a wonder—so strongly made that it will not require replacements. Every user praises the New Model, with the Metal Edge Filler. Nothing better can be made to stand the jar and shocks in transit.

EGGS ONLY	Weight Empty	Each	Postpaid
1½-doz. size, all eggs	3 lbs.	$1 25	$1 35
2-doz. size, all eggs	3 lbs.	1 50	1 60
3-doz. size, all eggs	4 lbs.	1 75	1 86
4-doz. size, all eggs	5 lbs.	2 00	2 12
6-doz. size, all eggs	6 lbs.	2 50	2 63
9-doz. size, all eggs	8 lbs.	3 25	3 40
12-doz. size, all eggs	10 lbs.	4 00	4 17
EGGS AND BUTTER			
No. 1. 2 lbs. and 1 doz. eggs		1 50	1 60
No. 2. 4 lbs. and 2 doz. eggs		2 00	2 11
No. 3. 4 lbs. and 3 doz. eggs		2 25	2 37
BUTTER ONLY			
No. 4. 6 lbs. (3 2-lb. cont.)		2 25	2 35
No. 5. 12 lbs. (3 4-lb. cont.)		2 50	2 61
No. 6. 16 lbs. (2 8-lb. cont.)		2 50	2 61
No. 7. 24 lbs. (2 12-lb. cont.)		3 50	3 63

BABY CHICKS

Get our prices before placing your order. All leading breeds from high-bred stock. Beginning early in March will furnish chicks until the end of the season late in June.

Improved "Surety Cushion" Wooden Egg-Cases

Nothing like them, nothing just as good for parcel post and express shipments. Made in all sizes to hold from two dozen to thirty dozen eggs.

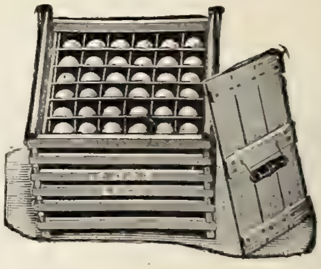
Light, yet strong, they are sure to carry safely, regardless of the distance. Easier and quicker to pack than the ordinary returnable cases. Will stand up under the most severe tests and pay for themselves in two or three shipments by eliminating breakage. Many successful poultrymen throughout the country are using them.

PRICES AND AVERAGE WEIGHT

		Each	Postpaid
2-dozen size	5¼ lbs.	$1 45	$1 60
4-dozen size	7⅜ lbs.	1 90	2 05
5-dozen size	8⅜ lbs.	2 00	2 15
6-dozen size	8⅞ lbs.	2 10	2 25
8-dozen size	10⅛ lbs.	2 35	2 55
10-dozen size	10¾ lbs.	2 60	2 80
12-dozen size	12½ lbs.	2 85	3 05
15-dozen size	14 lbs.	3 25	3 50
30-dozen size	25 lbs.	4 75	5 15

Extra trays, 12-egg size (for 2-dozen size cases) $3.50 per 50 sets of two trays each. Extra trays 24–25-egg size (for 4-, 6-, 8-, and 12-dozen size cases), $5.75 per 50 trays. 30-egg size (for 5-, 10-, 15-, and 30-dozen size cases), $6.75 per 50 trays.

Humpty Dumpty



The best, cheapest and most convenient egg-carrier in existence. Equipped with Safety Cushion Flats which practically eliminate breakage. No tool needed to set up these strong and durable carriers—no bothersome work in packing, and can be used over and over again.

They are packed in bundles, complete with fillers.

	Each	Postpaid
3-dozen size	$0 45	$0 55
6-dozen size	55	68
12-dozen size	65	80
15-dozen size	75	90

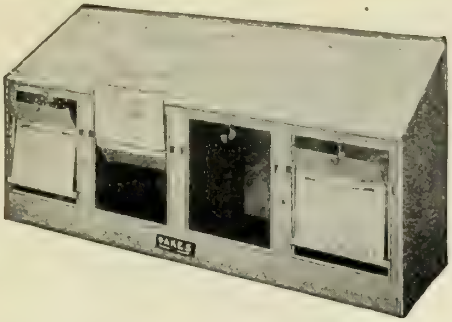
Extra Fillers, 5 cts. each, 50 cts. per doz.; postpaid 55 cts. Case containing 120 three-dozen size fillers and 144 flats $4.

Master Breeders' Shipping Coop

The Master Breeders' Shipping Coop is a strong light Coop made in three parts. The top and bottom are made of wood and the body is composed of corrugated paper in form of a tube. The bottom is composed of a frame on which the boards are nailed solid, tongued and grooved, so as to avoid cracks and loss of grain. The top is composed of a wooden frame with slats running across. This strong construction enables the Coop to resist hard knocks, making it practical in every way. Ventilation is supplied through the top as the wooden slats are placed from 1 to 2 inches apart. The large holes cut in the ends and used for a grip when picking up the Coop, help to ventilate as well.

PRICES (Knocked Down)

	Each
No. B. 21 x 12 x 22 inches deep	$0 90
No. C. 21 x 18 x 22 inches deep	1 00
No. D. 21 x 24 x 22 inches deep	1 15



The Oakes Improved Trap Nest

Every year poultry-raisers realize more and more how unprofitable it is to feed hens that do not lay. They eat up the food good hens should have and overcrowd the henhouse and yards, particularly during the confinement of winter months.

The Oakes Improved Trap Nest is made of galvanized iron throughout, thoroughly durable and substantial, and absolutely sanitary. Can be scrubbed and scalded—no cracks or crevices in which lice and mites can escape. The trap is held open by a catch, and when the hen enters the trap falls and keeps her confined in nest until released by attendant.

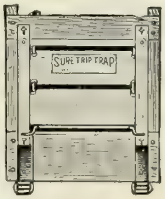
Hangs on the wall. Easy to clean. Just pull nest out at bottom and dirt falls out. Many poultrymen use two or three lower sections and one upper section, placing one above the other and thus conserving space. The lower section is made with flat top so upper section can rest on same. Length, 46 inches; width, 13 inches.

	Each
No. D57. Four-compartment Nest (upper section only)	**$5 75**
No. D57A. Four-compartment Nest (without doors)	**4 95**
No. D58. Eight-compartment Nest (upper and lower section)	**11 25**
No. D58A. Eight-compartment Nest (without doors)	**9 65**

Oakes Single Front for Trap Nest

This Front is made exactly like those used in the complete trap nesting device illustrated and described above. You can use this Front on any orange box, small drygoods box, brood coop, etc. Entirely practical and efficient, but inexpensive. The opening is 9 x 10½ inches.

	Each
No. 59. Single Front only	**$0 35**



Sure Trip Traps

Fits any nest. One size for all breeds. Positive, accurate, inexpensive—cheaper than you can build your own traps and far more efficient. Used by dozens of state poultry departments and in egg-laying contests. **35 cts. each, $1.00 for 3; 10 or more, 30 cts. each, $25.00 per 100.**

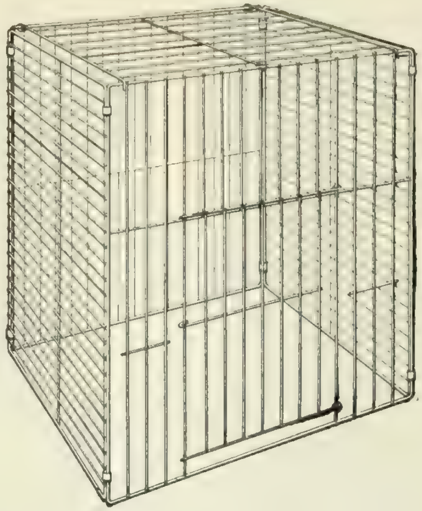
Trap Nest Records for 50 fowls, one month; size 12 x 16 inches. **5 cts. each, 50 cts. per doz., $3.00 per 100.**

Fleischmann's Pure Dry Yeast

FOR STOCK AND POULTRY

Fleischmann's Pure Dry Yeast, added to the feed for poultry, gives baby chicks a good start, makes young birds grow quickly and keeps egg-production high without forcing the birds. It carries hens quickly and easily through the moulting season and maintains a high percentage of fertility and hatchability of eggs.

Fleischmann's Pure Dry Yeast comes in 1-lb. pkg. (postpaid $1.10), 2½-lb. pkg. $2.00 (postpaid $2.10), 25-lb. cartons $18.50 (postpaid $18.90), 100-lb. bbl. $69.00. It will keep indefinitely.

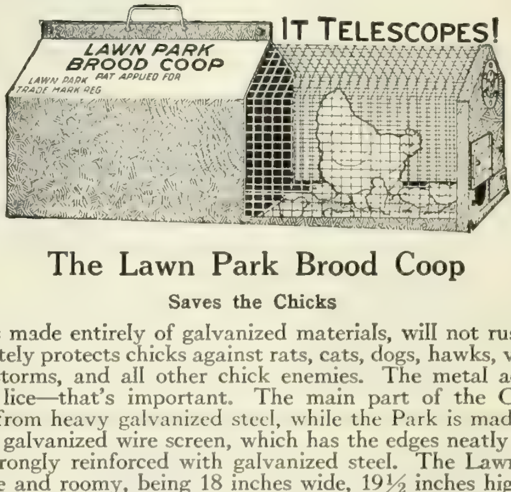


Poultry Coop

Made in single compartment, consequently easy to handle and to store away. The wires on the side sections are spaced to make a narrow mesh, and are so arranged that when the coops are set side by side the wires on the adjoining partitions alternate, making a mesh of ¼ inch, thus rendering it impossible for the birds to peck or fight each other between the coops.

The construction of the Pen Coop is like the single coops heretofore described. Has *two doors*, making it especially convenient to secure the birds inside, and which also retains the coop uniformity of the show room.

	Each
Poultry Coop. 22 x 22 x 27 in. high. Wooden bottom	**$2 50**
Pen Coop. 48 x 24 x 27 in high. Wooden bottom	**3 75**



The Lawn Park Brood Coop

Saves the Chicks

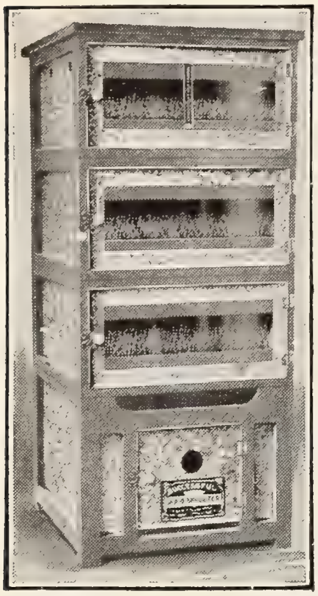
It is made entirely of galvanized materials, will not rust, and absolutely protects chicks against rats, cats, dogs, hawks, vermin, cold, storms, and all other chick enemies. The metal actually repels lice—that's important. The main part of the Coop is made from heavy galvanized steel, while the Park is made from strong galvanized wire screen, which has the edges neatly bound and strongly reinforced with galvanized steel. The Lawn Park is large and roomy, being 18 inches wide, 19½ inches high, and 48 inches long, with Park extended. The Coop and the Park are of equal length. The Park permits the chicks to have plenty of sunshine and fresh air, and also allows them to range on grass. Can be moved from place to place easily, thus giving them a fresh supply daily. **Price, $3.75.**

Meato—What it Does

Increases profits.
Produces more eggs.
Balances the grain ration.
Puts more vitality in the flock.
Makes the mash more palatable.

Increases the rate of gain in growing chickens.

Supplies protein in the purest and most nutritive form.



"Successful" Grain Sprouter

The feeding of sprouted oats is highly endorsed by the poultry experts of the agricultural experiment stations, because grain fed in a sprouted condition is easily digested, goes three times as far, and is therefore much cheaper and better than when fed in a dry condition.

You can make your hens lay 40 to 50 per cent more eggs. You can reduce the cost of feeding 25 to 30 per cent by giving them SPROUTED OATS easily and quickly produced in the

"Successful" Grain Sprouter

Made in Sections—Double Steel Walls—Fireproof—Safe to Use Anywhere in the House.

The most profitable appliance for poultry-raising since the invention of the incubator.

Manufactures for you in a week's time the best green egg-making feed at 15 to 18 cts. per bushel.

Takes but 15 minutes a day to attend to.

Costs but one-half cent per day for kerosene.

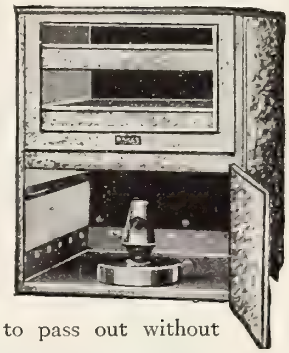
This succulent, nutritious, green feed will turn your hens from idle feed consumers into industrious egg-producers at a time when it takes but one dozen of eggs to bring as much money as two or three dozen in spring or summer.

All our Sprouters have a hinged top, permitting the operator to sprinkle the grain from above in one operation. The water percolates through all the trays. This is a great labor-saving device and practically eliminates any kind of a muss-up.

PRICES AND CAPACITIES

No. 1.	**Base and 1 section;**	**2 trays; holds 8 to 10 quarts dry grain.**	**(For 30 to 60 hens)**	**$12 00**
No. 2.	**Base and 2 sections;**	**4 trays; holds 16 to 20 quarts dry grain.**	**(For 75 to 100 hens)**	**15 00**
No. 3.	**Base and 3 sections;**	**6 trays; holds 24 to 30 quarts dry grain.**	**(For 130 to 200 hens)**	**18 00**
No. 4.	**Base and 4 sections;**	**8 trays; holds 32 to 40 quarts dry grain.**	**(For 250 to 350 hens)**	**21 00**
No. 5.	**Base and 5 sections;**	**10 trays; holds 40 to 50 quarts dry grain.**	**(For 400 to 600 hens)**	**24 00**
Each additional section and two galvanized all-steel trays				**4 50**

Oakes Lamp-Heated Sectional Sprouter



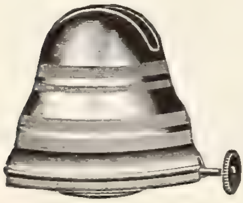
This Sprouter is made of No. 26 galvanized steel and is absolutely rat- and mouse-proof. The walls are lined with rubberoid roofing, causing the heat to be retained in the Sprouter. The grain trays are 18 inches square and perforated on bottom. This enables the moisture to pass through the grain easily, and gives a free passage of air to keep grain from moulding. Top is also perforated, allowing the air to pass out without difficulty.

The top is removable, enabling the grain to be moistened easily. The doors are provided with glass, which allows plenty of light, to stimulate the growth of the grain.

The Sprouter is equipped with an Oakes O. K. Lamp, and it requires only a very small flame to heat it. The base of the Sprouter contains two grain-trays and a moisture-pan and each of the sections contains two grain-trays.

Capacity of the Base: ¼ bushel (30 hens).
Capacity of Sections: ¼ bushel (30 hens).

No. C65.	**Section only**	**$7 50**
No. C66.	**Base only**	**10 00**
No. C67.	**Complete Outfit**	**17 50**



Zenith Brass Lamp Burner

A "No-Chimney" Burner for incubators, brooders fountain heaters and oats-sprouters. Perfect combustion without a chimney.

		Each
No. 200.	Size 1 Wick, ⅝inch	$0 50
No. 201.	Size 2 Wick, ⅞inch	65

Moe's Lamp Bowls

		Each
No. 100.	Diameter 6 inches, No. 1 Burner	$0 50
No. 101.	Diameter 6¾ inches, No. 2 Burner	60
No. 102.	Diameter 8 inches, No. 3 Burner	75

Moe's Lampless Oat Sprouter

Made entirely of metal. Strong and rigid.

Provides the very necessary green feed at all seasons. Healthy chickens and more eggs.

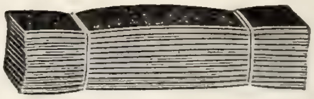
The frame is of steel, well braced and neatly painted. Has six heavy galvanized iron pans. Five of the pans have perforated bottoms to secure the proper drainage, and the bottom pan is solid to hold the drippings. Pans are interchangeable. Sectional frame can be quickly taken apart and stored in a small place.

Total height of frame 3 feet. Size of pans 16 by 18 inches.

	Each	Postpaid
No. 110	$6 00	$6 35

Metal Chimney

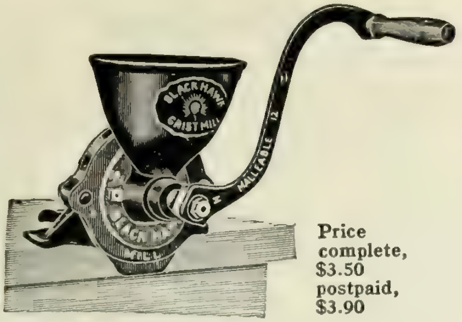
		Each
No. 108.	Chimney for No. 1 Burner	$0 25
No. 103.	Chimney for No. 2 Burner	25
No. 104.	Chimney for No. 3 Burner	25



Red Felt Lamp Wicks

		Doz.
No. 208.	Width ⅝inch for No. 1 Burner	$0 25
No. 209.	Width ⅞ inch for No. 2 Burner	45
No. 210.	Width 1½ inches, for No. 3 Burner	55

Our Select Grade Chicks are quality chicks—not just ordinary stock, but better bred toward a higher standard for beauty and profit. Write for prices.



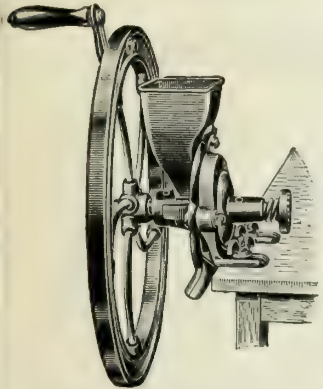
Price complete, $3.50 postpaid, $3.90

Black Hawk Grist Mill

With a Black Hawk Mill you can crack corn or grind any kind of grain to whatever degree of fineness will best suit the age or condition of your fowls.

Grinds corn into meal, wheat into graham flour, rice or buckwheat into flour; in fact, an all-round household Mill that will grind fine or coarse.

Extra Grinders, per set, 60 cts., postpaid.

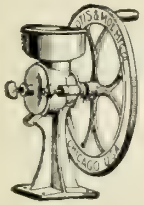


Apache Grist Mill

The Grist Mill without a fault

The Apache is an "all-round" mill of large capacity, suitable not only for grinding chicken-feed, but ideal for making corn-meal, graham flour, rye flour, hominy, etc., for table use. It will grind a quart of meal in three minutes. Has perfect adjustment for fine or coarse work.

Some of the special features of this Mill are a large fly-wheel, scientifically balanced, large hopper, ball bearings, adjustable regulator. These features make the Apache the lightest running, fastest grinding, and most easily operated Mill on the market. Well built and will last a lifetime. **Price, $7.50.**

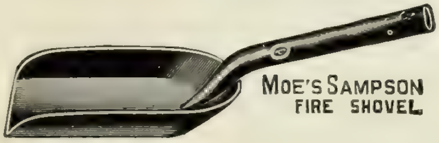


Moe's Grinding Mills

Moe's Improved Grinding Mills for all kinds of grain, dry bones, shells, root, bark, salt, etc., but not suited for green bones. Adjustable by a thumb screw to grind coarse or fine. Just the thing for poultry, and also makes an excellent all-round family mill.

	Each
No. 221. Size 1. Hand Mill, 12-inch balance wheel. Shipping weight 22 pounds	$4 25
No. 222. Size 2. Hand Mill, 16-inch balance wheel. Shipping weight 40 pounds	7 50
No. 223. Size 3. Hand Mill, 19-inch balance wheel. Shipping weight 70 pounds	10 50

Moe's Sampson Fire Shovel



A large, strong and substantial Shovel. Made of a single piece of extra-heavy pressed steel, and handsomely finished in baked black enamel. Total length 17 inches, width 5 inches, length of handle 8 inches. Weight 1¼ pounds. A broom-stick can be inserted in the hollow handle to extend the length if desired.

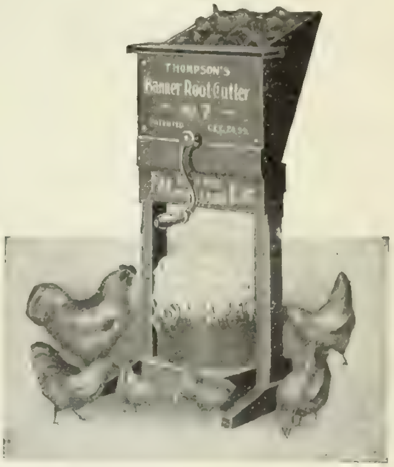
A strong, stiff, indestructible Shovel.

No. 180. Sampson Shovel	$0 35

Banner Root Cutter for Poultry

Indispensable to the hen-man, duck-man, and broiler man. Solves the problem of an article always in demand at *good prices*—"Winter Eggs."

Reduces cost of feeding, increases production, and is always a medium, right at hand, to give the poultry, in proper shape for consumption, the most economical winter food known—Roots and Vegetables.

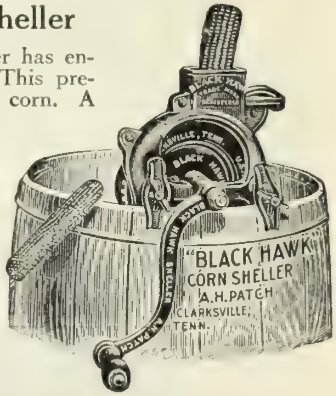


No. 7. Exclusively for Poultry

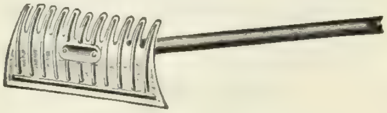
It cuts fast and is easy running. Leaves the feed in fine, brittle, ribbon-like strips that make choking impossible. Fowls large or small can safely eat the feed. The knives are adjustable and made of the very best of steel. An iron grate in bottom of hopper lets dirt and gravel escape before reaching the knives. Two to five minutes will cut enough feed for a large flock of birds. **Price, $6.50.**

Black Hawk Corn Sheller

The Black Hawk Corn-Sheller has enclosed hopper and separator. This prevents scattering of the shelled corn. A wonderfully fast and easy running Sheller. Instantly fastened to barrel or box by two large strong clamps with wing nuts. **Price $3.25; postpaid, $3.60.**



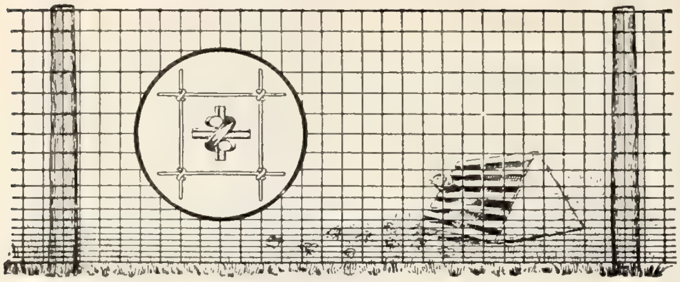
Order Basic Feeds today and start taking in the profits you actually should make.



Moe's Handled Scraper

Made of hard, stiff steel. Light in weight, yet strong and durable. The toothed or rake edge is excellent for cleaning sand or sifted ashes on drop boards. Length of blade 9½ inches; width 4 inches; with 30-inch hardwood handle securely riveted to the blade.

	Each	Postpaid
No. 51. Handled Scraper	$0 45	$0 55



Square Deal Poultry Fence

This is the ideal Poultry Fence because it will turn the smallest chick, also keep out the small varmints that ravage the chicken-pens. The first five line wires at the bottom are only 1 inch apart.

The stiff picket-like stay-wires used in building Square Deal Poultry Fence are attached to the line wires with the famous Square Deal knot—guaranteed to hold under any and all conditions. The best test of this knot is to examine the fence yourself either in the roll or erected, and you will find that you cannot slip these knots even with a pair of pliers.

Square Deal Poultry Fence requires no top and bottom boards, and fewer line posts, to keep it erect and trim. Thus it costs, erected, much less than poultry netting. Lasts many times longer than netting because its wires are twice the size of netting wires.

Although not a stock Fence, it turns any ordinary farm stock with ease, in case of emergency, owing to its closely spaced No. 14½ gauge line wires.

The top and bottom wires are No. 11 gauge with No. 14½ gauge filler wires.

Prices per 165-Foot Roll

No. 1636.	**36 inches high, 16 bars**	**$4 65**
No. 1948.	**48 inches high, 19 bars**	**5 65**
No. 2260.	**60 inches high, 22 bars**	**6 65**
No. 2572.	**72 inches high, 25 bars**	**7 65**

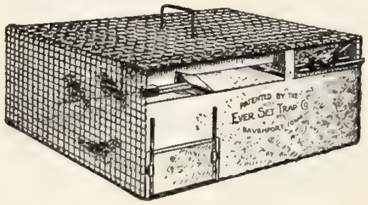
Staples for the above, 10 cts. per pound

Diamond Mesh Poultry Netting

Made from No. 20 gauge wire and galvanized after weaving. Put up in 50- and 150-foot rolls.

	2-inch mesh		**1-inch mesh**	
Height	**50 ft.**	**150 ft.**	**50 ft.**	**150 ft.**
1 foot	**$0 70**	**$1 50**	**$1 40**	**$3 35**
1½ feet		**2 10**		**4 75**
2 feet	**1 10**	**2 65**	**2 30**	**6 10**
2½ feet		**3 15**		**7 25**
3 feet	**1 40**	**3 60**	**3 15**	**8 35**
4 feet	**1 80**	**4 80**	**4 10**	**11 00**
5 feet	**2 25**	**6 00**		
6 feet	**2 70**	**7 15**		

Staples, 10 cts. per lb.

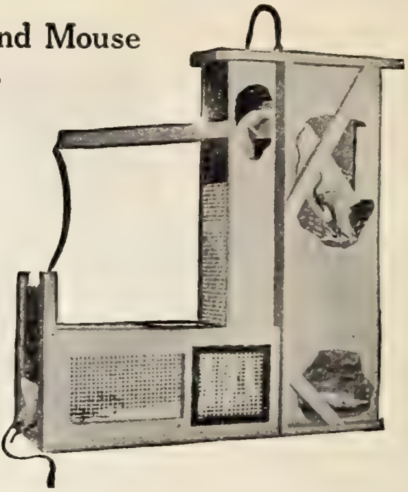

PATENTED BY THE EVER SET TRAP CO. DAVENPORT IOWA

Ever-Set Sparrow Trap

Made of ⅝-inch galvanized hardware cloth. They have been fully tried out and have caught as high as 65 sparrows in one day in summer, and 40 in one day in winter in a single trap.

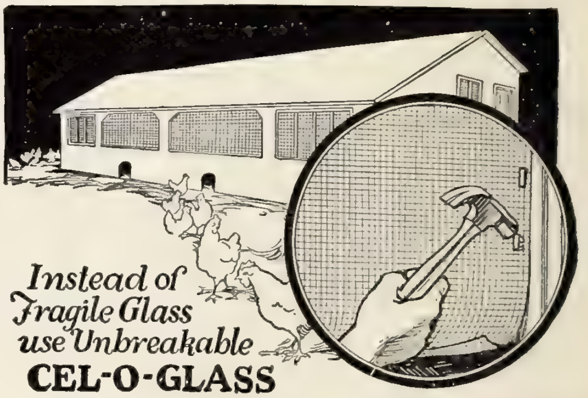
Size of trap 18 x 18 x 12 inches, with 3 x 5 x 18-inch receiving-cage (for drowning), with complete instructions. **Price $4.00, postpaid $4.25.**

Peerless Rat and Mouse Traps



The "Peerless" Always-Set Trap is the scientific means of dealing death to sneaking, wily rats and mice. It is positively automatic in operation, and, barring accidents, cannot get out of order. It leads the animal to certain death, and each one killed sets the trap for another to follow. That "Peerless" Traps are infallible is evidenced in their adoption as standard equipment by the most exacting industrial establishments in the country.

Combination offer: We will deliver both Traps, freight prepaid, to your station for $10.00.


Instead of Fragile Glass use Unbreakable CEL-O-GLASS

The unbreakable material for hotbed sash, coldframes, poultry houses, garages, and farm buildings.

The only commercially accessible material that admits the ultra-violet rays.

CEL-O-GLASS is a light-weight, **UNBREAKABLE** material that admits light almost as freely as clear glass. It is hailproof, heatproof, coldproof, and weatherproof.

It lets through the health-giving ultra-violet rays of the sun which are so valuable in poultry-raising. Glass absorbs these rays and does not let them pass.

When used for poultry-house fronts and lights, laying-houses, colony houses, and brooders, **CEL-O-GLASS** makes chicks grow faster and lay more eggs and prevents "weak legs."

CEL-O-GLASS is also ideal for hotbed sash, coldframes, fronts, sides, and interior partitions of greenhouses, grafting-boxes, and temporary structures.

Anyone can put up **CEL-O-GLASS.** Hammer, tacks, and an ordinary pair of shears are the only tools needed.

CEL-O-GLASS is made of coarse mesh galvanized wire cloth treated in such a manner that the spaces between the strands are filled with a clear, transparent, tough, flexible substance that will not rub off, peel or become brittle.

In rolls 3 feet wide		**Postpaid**
100-foot Roll, 300 square feet	**$48 00**	**$48 50**
50-foot Roll, 150 square feet	**24 50**	**24 80**
25-foot Roll, 75 square feet	**12 50**	**12 70**
Small quantities		**Postpaid**
10 lineal feet, 30 square feet	**$5 20**	**$5 35**
5 lineal feet, 15 square feet	**2 75**	**2 85**

CEL-O-MEND. For repairing punctures in **CEL-O-GLASS.** **½pt. 50 cts., postpaid 60 cts.; pt. 75 cts., postpaid 85 cts.**

Write for Sample and Booklet Free

DON SUNG

Chinese for Egg-Laying

MAKES HENS LAY IN ANY WEATHER

Chinese
DON SUNG
TABLETS FOR EGG LAYING
Price 50¢

"Hens won't lay in fall and winter," used to be accepted as a fact. But anyone who has tried Don Sung knows that hens will lay right through the zero spells of winter, and all other cold or wet seasons. Don Sung is not an ordinary stock or poultry powder. It is a concentrated medicine—no needless bulk or filler—ready to add to your mash feed. It has a direct tonic action on the egg-laying organs and doesn't force or hurt the hen in any way. It produces more eggs by first putting the hen in good health, and then helping to maintain that health.

DON SUNG COSTS NOTHING TO TRY

Every poultry raiser is invited to try Don Sung—at our risk. Separate 15 hens and give them Don Sung for one month. Then watch results. If Don Sung pays you, keep on with it. If you don't think it has paid you, tell us and back comes your money. No argument to it. Don Sung is guaranteed—try it, at our risk.

Prices of Don Sung Tablets: Small size, 50 cts.; large size (3 times the 50 ct. size), $1.00; special size (6 times the $1.00 size), $5.00.

Roup-Over

The Over-Night Roup Remedy

For Roup, Colds, and Canker

Use Roup-Over at the very first symptom of roup or colds in your flock. It clears the air-passages and brings relief with magic quickness. Easily used, both for individual treatment and in the drinking-water for flock prevention. Leading poultry-raisers everywhere now use Roup-Over, the over-night roup remedy. It's so easy! So sure! There's no other remedy like it—nothing "just as good." Have a bottle ready to use when you need it. **Price 50 cts.; large size (3 times 50-ct. size), $1.00.**

AVICOL

STOPS CHICKS DYING

Recommended and guaranteed for the prevention and treatment of white diarrhœa, cholera, and black-head.

Avicol, used in the drinking-water, will stop these losses. Thousands of poultrymen will tell you that they now raise nearly every chick of every hatch. Many of them were losing chicks right and left before they started using Avicol. Within a few hours after receiving Avicol, the sick, drooping chicks begin to revive and soon are lively and healthy.

Easy to give. Simply drop an Avicol Tablet in the drinking-water. The chickens doctor themselves.

After you have once tried Avicol, you would no more think of trying to raise baby chicks without it than you would think of denying them food.

Avicol should be in the very first water the little chicks drink. And it costs so little that it will pay you to keep it in the drinking-water all the time, for all the flock, old and young.

Avicol is fully guaranteed. Your money will be promptly refunded without question or quibble if it doesn't satisfy you perfectly.

Price, 50 cts., postpaid 55 cts.; large size (holds two and one-half times 50-ct. size), $1.00, postpaid $1.10.

Talcimized Sodium Fluoride

KILLS CHICKEN LICE

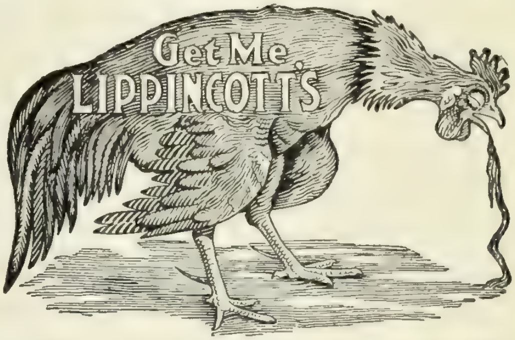
The U. S. Department of Agriculture and most leading state agricultural colleges endorse and recommend the Sodium Fluoride method of killing poultry lice.

Lice have probably cost the poultryman more money than any other poultry ailment. Wherever present, their effect is seen in stunting the growth, injuring the health, and reducing the egg-production of the whole flock.

After years of study and after numerous tests authorities report it the most effective, positive way to get rid of poultry lice. They say it kills all lice—both old and young—including the lice that hatch from eggs present on the fowl at the time of treatment.

For positive results be sure to get the genuine Talcimized Sodium Fluoride (call it T. S. F.) put up by the Burrell-Dugger Co. It is specially processed and prepared especially for poultry use, and is in a convenient, shaker-top package, bearing the U. S. Government's instructions for applying. One small package will treat about 40 chickens.

Price, small size 35 cts. (postpaid 45 cts.); large size (twice as much), 60 cts. (postpaid 70 cts.); special size (five times 60-ct. size), $2.50 (postpaid $2.65).



ONE NIGHT ROUP CURE

LIPPINCOTT'S has no equal for roup, gapes, canker, chicken-pox, cholera or diarrhœa

Lippincott's One-Night Roup Remedy has never failed to give quick results when used in the proper way and the birds properly housed. **25 cts., 50 cts., and $1.00 per bottle; postpaid, 35 cts., 60 cts., and $1.10.**

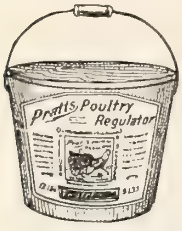
Dr. Hess' Poultry Panacea

Makes poultry healthy; makes hens lay; not a stimulant, but a tonic, that tones up the dormant egg organs, brings back the scratch and cackle, and compels each hen to put her share of eggs in the market basket. It also contains internal antiseptics that counteract disease; insures a healthy, singing poultry flock. Cost but a trifle—a penny's worth enough for thirty hens per day.

	Each	Postpaid
1½-lb. pkg.	**$0 25**	**$0 35**
5-lb. pkg.	**75**	**85**
12-lb. pkg.	**1 50**	**1 70**
25-lb. pail	**$3 00**	**$3 35**
100-lb. drum	**10 00**	

Semi-Solid Buttermilk

A life-saver for chicks. A remedy for white diarrhœa. Promotes rapid, healthy growth. Hustles hens back to health and laying after epidemics of roup, chicken-pox, or cholera. Rids hens of worms. Unequaled as an egg-producer for pullets and hens. Semi-Solid is pasteurized condensed buttermilk. Has greater medicinal and food value than liquid or dried buttermilk because the patented process gives Semi-Solid the greatest lactic acid content of any form of buttermilk.



PRATT'S

Poultry Regulator and Poultry Remedies

Pratt's Poultry Regulator

Pkgs. 25 cts., 50 cts., $1.10; postpaid, 30 cts., 60 cts., $1.30; 12-lb. pails $1.65, postpaid $1.90; 25-lb. pails $3.00, postpaid $3.40; 100-lb. drums $10.00.

It builds up vitality, promotes sound digestion, sharpens the appetite, thus helping to put birds into condition for heavy egg-laying or winning blue ribbons.

Given to breeding stock it increases the fertility of eggs, strong in vitality, that will hatch chicks that will grow. Use it if you want big hatches of healthy chicks that will develop into husky pullets and cockerels.

Pratt's Remedies

Pratt's Roup Tablets or Powder. 25 cts. and 50 cts.; postpaid, 30 cts. and 55 cts.

Pratt's Powdered Lice Killer. 25 cts. and 50 cts.; postpaid, 30 cts. and 60 cts.

Pratt's Sorehead and Chicken-Pox Preparation. 30 cts. and 60 cts.; postpaid, 35 cts. and 65 cts.

Pratt's Special Compound. 25 cts. and 50 cts.; postpaid, 30 cts. and 55 cts.

Pratt's Condition Tablets. 25 cts. and 50 cts.; postpaid, 30 cts. and 55 cts.

Pratt's White Diarrhœa Tablets. 25 cts. and 50 cts.; postpaid, 30 cts. and 55 cts.

Pratt's Poultry Disinfectant. Qt. 55 cts., ½gal. 90 cts., gal. $1.50; postpaid, 70 cts., $1.10, and $1.80.

Pratt's Bronchitis Tablets. 25 cts. and 50 cts.; postpaid, 30 cts. and 55 cts.

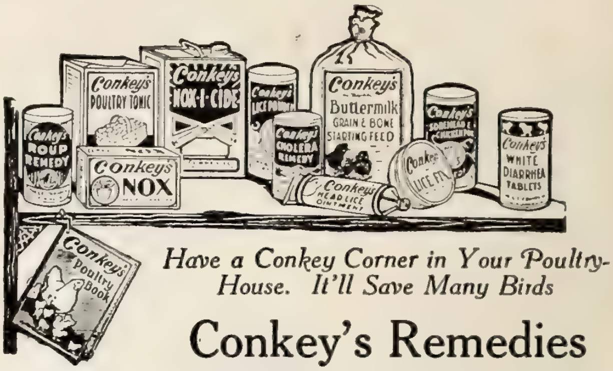
Pratt's Red Mite Special. Qt. 50 cts., ½gal. 90 cts., gal. $1.50; postpaid, 65 cts., $1.10, and $1.80.

Pratt's Gape Compound. 25 cts. and 50 cts.; postpaid, 30 cts. and 55 cts.

Pratt's Head Lice Ointment. Box 30 cts.; postpaid, 35 cts.

Pratt's Scaly-Leg Ointment. 30 cts. and 60 cts.; postpaid, 35 cts. and 65 cts.

Pratt's Worm Remedy. 25c. and 50c.; postpaid, 30c. and 55c.



Have a Conkey Corner in Your Poultry-House. It'll Save Many Birds

Conkey's Remedies

Conkey's Poultry Tonic. 1½ lbs. 25 cts., postpaid 30 cts.; 3¼ lbs. 50 cts., postpaid 60 cts.; 7 lbs. $1.00, postpaid $1.20; 12 lbs. $1.60, postpaid $1.85; 25 lbs. $3.00, postpaid $3.40.

Conkey's Roup Remedy. 30 cts., 60 cts., $1.20, and $2.50; postpaid 35 cts., 65 cts., $1.25 and $2.60.

Conkey's Roup Pills. 30 cts., 60 cts., and $1.20; postpaid, 35 cts., 65 cts., and $1.25.

Conkey's White Diarrhea Remedy. 30 cts., 60 cts., $1.20; postpaid, 35 cts., 65 cts., and $1.25; breeder size (1,200 tablets) $4.00, postpaid, $4.10.

Conkey's Limberneck Remedy. 50 cts.; postpaid, 55 cts.

Conkey's Gape Remedy. 25 cts. and 50 cts.; postpaid, 30 cts. and 55 cts.

Conkey's Canker Special. 50 cts.; postpaid, 55 cts.

Conkey's Cholera Remedy. 25 cts. and 50 cts.; postpaid, 30 cts. and 55 cts.

Conkey's Nox-i-cide. Pt. 50 cts., qt. 80 cts., 2 qts. $1.30, gal. $2.00, 5 gals. $9.25, 10 gals. $17.75, express extra.

Conkey's Chicken-Pox Remedy. 25 cts. and 50 cts.; postpaid, 30 cts. and 55 cts.

Conkey's Scaly-Leg Remedy. 25 cts.; postpaid, 30 cts.

Conkey's Poultry Conditioner. 25 cts. and 50 cts.; postpaid, 30 cts. and 55 cts.

Conkey's Lice Powder. 20 cts., 35 cts., 75 cts., and $2.60; postpaid, 25 cts., 40 cts., 85 cts., and $2.85.

Conkey's Mite Liquid. Qt. 60 cts., 2 qts. 90 cts.; postpaid, 70 cts. and $1.05; gal. $1.50, 5 gals. $7. Express extra.

Poultry Worm Remedy. 25 cts. and 50 cts.; postpaid, 30 cts. and 60 cts.

Spratt's Cage-Bird Foods, Medicines, Etc.

Spratt's Cod-Liver-Oil Cage-Bird and Nestling Food. For feeding young birds and old birds in the moulting season. 15 cts.; postpaid, 20 cts.

Spratt's Canary and Cage-Bird Food. A nourishing and health-giving diet, supplying the place of eggs and bread-crumbs. 15 cts.; postpaid, 20 cts.

Spratt's Song Restorer. A treat and tonic for canaries, linnets, goldfinches, and seed-eating birds. 25 cts.; postpaid, 30 cts.

Spratt's Mixed Bird Seed. A well-balanced mixture containing the best seeds obtainable. 20 cts.; postpaid, 25 cts.

Spratt's Canary Seed Mixture with Egg and Fruit. Contains a combination of the choicest seeds and will improve the health of songsters and develop their singing powers. 25 cts.; postpaid, 30 cts.

Spratt's Pollicrackers. A specially prepared biscuit for parrots and all similar birds. Made in a convenient size for a bird to grasp. Is greatly relished as a change. 20 cts. postpaid.

Spratt's Parrot Food. A mixed food for Parrots which should be kept before them all the time. 20 cts.; postpaid, 25 cts.

Spratt's Zeke (Dried Flies). A valuable food for all insectivorous cage-birds, aquarium fish, trout, etc. 10 cts.; ppd., 15 cts.

Spratt's Color Food (Red and Orange). Deepens and intensifies the natural color of the plumage. Begin to use this food when young birds are eight weeks old. For old birds it should be used at the beginning of the moult. 25 cts.; postpaid, 30 cts.

Spratt's Ants' Eggs. A treat for soft-billed and insectivorous birds. 25 cts.; postpaid, 30 cts.

Spratt's Defiance Mockingbird Food (Henning's formula). The purest food obtainable for mockingbirds, robins, thrushes, and other soft-billed birds. 30 cts.; postpaid, 35 cts.

Bird Medicines

Spratt's Quinella (Tibbs). For inflammation of stomach in cage-birds. 25 cts.; postpaid, 30 cts.

Spratt's Canaradyne (Tibbs). For asthma and wheezing in cage-birds. 25 cts.; postpaid, 30 cts.

Spratt's Bird Tonic. Aids in the prevention and cure of all diseases to which cage-birds are heir. 25 cts.; postpaid, 30 cts.

Spratt's Red Mite Liquid. To be used on cages and in the bath water. 25 cts.; postpaid 30 cts.

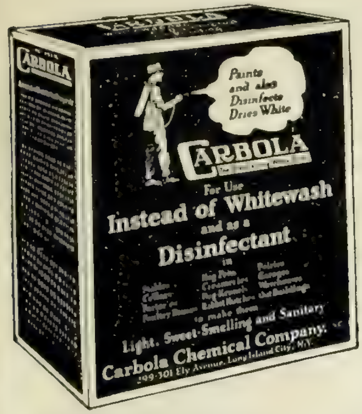
Spratt's Flea Powder. For removing all kinds of parasites from birds and animals. 25 cts.; postpaid, 30 cts.

Spratt's Bird-Lice Destroyer. For dusting the feathers. 25 cts.; postpaid, 30 cts.

Spratt's Parrot Tonic. 30 cts.; postpaid, 35 cts.

Fish Foods

Spratt's Natural Fish-Food. 15 cts.; postpaid, 20 cts.


Carbola
Paints and also Disinfects Dries White
Carbola
For Use Instead of Whitewash and as a Disinfectant
Light, Sweet-Smelling and Sanitary
Carbola Chemical Company
299-301 Ely Avenue, Long Island City, N.Y.

Carbola

THE DISINFECTING WHITE PAINT

Paints and also Disinfects Dries white

So easy to use in Poultry Houses, Cow-Barns, etc.

Carbola is a white paint and powerful disinfectant combined in powder form. Simply stir the powder in a pail of water and it is ready for brush or sprayer—no waiting or straining. *Does not clog sprayer. Won't peel or flake.*

The powerful disinfectant does not evaporate but keeps its strength on the walls. Carbola will not spoil even in water and may be kept standing in pail to be used as wanted. One pound covers about 100 square feet.

RESULTS ARE SURE AND CERTAIN

Carbola is neither poisonous nor caustic—harmless to the smallest chick or stock that licks a painted surface. It gives walls and ceilings a smooth, white finish, increases the light, improves the appearance, and helps make buildings clean, sweet-smelling and free from mites and contagious disease germs. There is nothing better than Carbola for dairies, poultry-houses, cellars, dog-kennels, rabbit-hutches, garages, tree trunks, etc.

It has been used for years by more than 100,000 dairy and poultry farmers and by agricultural colleges and experiment stations. We have a big file of letters from farmers and storekeepers praising it. Give it a trial—you will never regret it.

As a Louse Powder for use on cattle, poultry, horses, hogs, dogs, etc., the dry powder will be found most satisfactory. The dry powder is applied like any other louse powder, and is very effective—a first-class louse powder at 10 cents a pound.

5 lbs. 75 cts. (postpaid 85 cts.), 10 lbs. $1.25 (postpaid $1.50), 20 lbs. $2.50 (postpaid $2.85), 50 lbs. $5.00 (postpaid $5.75), 200 lbs. $18.00, not prepaid.

Dethol

IMPROVED

Kills bugs and insects, such as flies, mosquitoes, roaches, waterbugs, ants, bed-bugs, and fleas. Moth preventive; disinfectant and deodorant.

Improved Dethol is made by a new and secret formula that cannot be duplicated. Nothing like it before—nothing its equal now. Simple—safe—sure. There can be no substitute for it. Accept no imitations.

On the farm, Improved Dethol, sprayed freely in hen-houses, etc., and sprayed lightly and regularly on poultry and stock, keeps them free from many kinds of insects and vermin. Do not spray Improved Dethol on young animals, cats, or vegetation.

Pt	$0 75
Qt	1 25
Gal	4 00
Combination package, including both sprayer and 1-pt. can Improved Dethol	1 00

GERMO DISINFECTANT

1-qt. size	$0 50
½-gal. size	1 00
1-gal. size	1 50

WHITE DIARRHŒA TABLETS

50-tablet size	$0 50

Carbolineum

Made in U. S. A.

GUARANTEED TO KILL CHICKEN MITES IN POULTRY-HOUSES. APPLIED ONCE A YEAR

More Eggs—Healthy Chickens

Avenarius Carbolineum will not only kill all vermin by direct contact, but, if sprayed or brushed, it will penetrate all cracks and crevices and reach the mites at close quarters and effectually stop their propagation.

Guarantee. We guarantee that one thorough application of Avenarius Carbolineum, either by brush or sprayer, to the interior walls, dropping-boards, roosts, etc., of buildings, after a previous cleaning, and no matter whether they are of wood, tar paper, or plaster, will exterminate mites in same for a whole year, or purchase money will be refunded.

Pennsylvania State College Department of Poultry Husbandry, Prof. H. C. Knandel, State College, Pa.: We have been using Carbolineum with very good success and you can rest assured that when we are in need of a good mite destroyer you will receive our order.

PRICES

Gal. can, $1.75; 5-gal. drum, $1.40 per gal.; 10-gal. drum, $1.25 per gal.; 35-gal. steel barrel, $1.05 per gal.; 55-gal. steel barrel, 90 cts. per gal.

Cholerine for Fowls

Disease Dies, Not Hens

And Cholerine is a sure-fire slayer every time! After you've nursed a big investment in poultry, from chicks to egg-layers, it strikes deep into the bank balance when disease slips in and knocks 'em off. Why take this chance? Get Cholerine for your flock now—give it in water or mash. Disease won't have a chance. Cholerine is guaranteed to make sick hens well—healthy hens more vigorous and productive—and regular egg-layers out of loafers.

Cholerine is not dope. It enables hens to get all the protein, carbohydrates and mineral matter out of their feed in a natural way. Cholerine gets results or we pay.

Liquid:	
16-oz. size	$0 65
1-qt. size	1 00
Tablets:	
50 tablets	65
100 tablets	1 00

Mica Crystal Grit

Analysis proves that Mica Crystal Grit is a grit containing a proper combination of mica, quartz, aluminum, and iron essential to all kinds of poultry. The peculiar formation of this grit, containing a large per cent of small flakes of mica, assures at all times a sharp grinding surface. The grit will not wear smooth but will keep sharp until entirely worn out.

The grit wears out but does not dissolve, therefore giving a longer service than other grits.

Furnished in three sizes, "Poultry," "Pigeon," and "Chick," all at the same price.

Perfect Brand Crushed Oyster Shells

Make Poultry Pay

Crushed Oyster Shells have long been recognized as a most important article for poultry yards. They supply carbonate of lime in natural form, act as a grit, and produce a firm, hard shell. Perfect Brand shells are dry, and, having been carefully screened, are free from dust and dirt.

We carry two sizes in stock, Coarse and Fine, the prices of which are the same.

DOG FOODS AND SUPPLIES

Champion Dog Foods

Please!
CHAMPION
DOG-BISCUIT
TRADE MARK

A complete and balanced diet for all ages and breeds of dogs. They are made from clean, fresh, wholesome ingredients and contain a large content of fresh meat, white flour, whole wheat, cornmeal, and oatmeal, iodine as a preventive of goiter, pure cod-liver oil to furnish vitamines and prevent rickets, and various mineral salts to strengthen the bones. All phases of a dog's food requirements are satisfied with Champion Dog Foods.

Champion Dog Biscuit

CHAMPION DOG BISCUIT

The large whole biscuit for the mature dog.

2-lb. pkg	$0 40
4-lb. pkg	70
25-lb. bag	3 00
50-lb. bag	5 75
100 lbs. in bags	11 00

5 POUNDS
OUR BUSINESS IS GOING TO THE DOGS
Please!
CHAMPION
KIBBLED
DOG FOOD
CHAMPION ANIMAL FOOD

Champion Kibbled Dog Food

This is exactly the same as the whole biscuits excepting that it is broken into small pieces for convenience in feeding.

5-lb. bag	$0 75
25-lb. bag	3 25
50-lb. bag	6 25
100 lbs. in bags	12 00

Champion Puppy Biscuit

CHAMPION
PUPPY BISCUIT

This is the small, thin biscuit made especially for the small dog and the growing pup.

1½-lb. pkg	$0 30
25-lb. bag	3 25
50-lb. bag	6 25
100 lbs. in bags	12 00

Champion Puppy Meal

CHAMPION
PUPPY MEAL

This food is similar to "Kibbled" but it is ground finer for the pup just weaned and up to three or four months of age.

1½-lb. pkg	$0 30
25-lb. bag	3 25
50-lb. bag	6 25
100 lbs. in bags	12 00

Let us send you a free copy of the Champion booklet on "The Proper Care and Feeding of Dogs."

Ken-L-Ration (IN CANS)

Ken-L-Ration is composed of clean wholesome meat, the best grade of cereals and Norwegian cod-liver oil in exactly the right proportions to make a perfect balanced ration.

1 can	$0 20
6 cans	1 00
12 cans	1 90

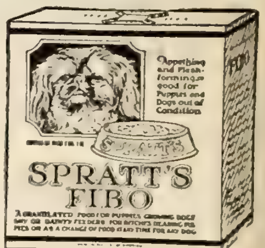
Mercy Mange Cure

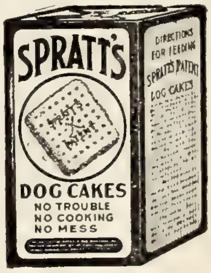
An efficient remedy for mange, eczema, and other skin diseases of dogs and cats and for curing running sores and wounds of every description, including all hoof infirmities of horses and cattle. If you have a stubborn case of skin disease on a dog or cat, get Mercy. Pt. can $1.25, postpaid.

Spratt's Foods for Dogs

"The Backbone of the Canine Race"

The dog constitution needs a dog diet. The conditions under which dogs are at present bred and reared make necessary a diet which will provide all the food elements contributing to the formation of bone and muscle, the building and storing up of energy, stamina and vitality, and which will assist to maintain the highly organized canine brain. For sixty years Spratt's have made dogs and their requirements the subject of continual observation and research; and today for every dog, old or young, healthy or sick, there is a Spratt's Food guaranteed to suit exactly his requirements.





Spratt's Fibo. A granulated food. Very appetizing and highly recommended for shy and dainty feeders as a change in diet. Can be given either dry or soaked. Carton, 40 cts., postpaid 50 cts.; 25-lb. bag $3.50, postpaid $3.85; 100-lb. bag $13.50.

Spratt's Meat Fibrine Dog Cakes. The standard dog food. Used at the leading kennels and dog shows throughout the world. A staple and constant food for all breeds of dogs. Carton, 35 cts., postpaid 45 cts.; 5 lbs. 75 cts., postpaid 90 cts.; 25-lb. box $3.15, postpaid $3.50; 100-lb. box $12.00.

Spratt's Cod-Liver-Oil Cakes. A valuable aid to convalescence of sick dogs, for old dogs and for puppies not making due progress. Carton, 40 cts., postpaid 50 cts.

Spratt's Puppy Biscuits. The standard puppy food. A perfect and whole food for puppies of all breeds. Carton, 40 cts., postpaid 50 cts.; 25-lb. box $3.30, postpaid $3.65; 100-lb. bag $12.00.

Spratt's Ovals. The pocket Dog Biscuit. Carton 40 cts., postpaid 50 cts.

Spratt's Rodnim Meal. The twice-a-week change from hard biscuit diet. Can be given dry, soaked in water, broth, or gravy, or mixed with boiled chopped green vegetables. 100-lb. bag $12.50.

Spratt's Plain Puppy Meal—The Standard Weaning Food. Carton 40 cts., 5 lbs. 70 cts., 10 lbs. $1.35, 25 lbs. $3.05, 50 lbs. $5.95, 100 lbs. $11.75.

Spratt's Bone-Meal for Puppies. A great preventive of early weakness in growing puppies. Prepared in a form for easy mixing with the staple food. Tin 50 cts.

Spratt's Dog Medicines

Spratt's Cooling and Alterative Tablets	$0 60
Spratt's Cough Tablets	60
Spratt's Constipation Tablets	60
Spratt's Digestive Tablets	60
Spratt's Diarrhœa Tablets	60
Spratt's Distemper Tablets	1 00
Spratt's Eye Lotion Tablets	60
Spratt's Mange Medicine	60
Spratt's Tonic and Condition Tablets	60
Spratt's Tonic Tablets for Toy Dogs and Puppies	60
Spratt's Worm Capsules	60
Spratt's Worm Capsules for Puppies	60
Spratt's Distemper Tablets for Toy Dogs and Puppies	1 00

Spratt's Dog Soaps

Spratt's Patent Dog Soap (White). For fleas, lice, etc.	25
Spratt's Patent Antiseptic Soap (Black). For veterinary use.	60

1926

BECKERT'S SEED STORE

101-103 Federal St. (North Side),
PITTSBURGH, PENNSYLVANIA

*Send by*____________________ *Date*____________ *19*____
(State if wanted by Parcel Post, Express, Freight or Steamer)

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(Mr., Mrs. or Miss; write very plainly; always write name the same way)

*P. O. Box, Street or Rural Delivery*____________________

*Post Office*______________________________

*County*____________________ *State*____________________

*Station or Exp. Office*______________________________

NON-WARRANTY—We do not warrant in any way, expressed or implied, the contents, or description, quality, productiveness or any other matter of any seeds, bulbs or plants sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once and money will be refunded. Subject to above conditions we make all sales.—Beckert's Seed Store.

IF REMITTANCE IS ENCLOSED, KINDLY STATE AMOUNT HERE

P. O. Order . . $__________
Express Order . __________
Check . . . . . __________
Draft . . . . . __________
Stamps . . . . __________
Cash . . . . . . __________
Total, $__________

No.__________
Date Rec'd__________
Filled by__________
Checked by__________
Date Sent__________

QUANTITY	NAME OF VARIETIES WANTED	√	PRICE	
	Place one variety only to a line	Do not write here	Dollars	Cents

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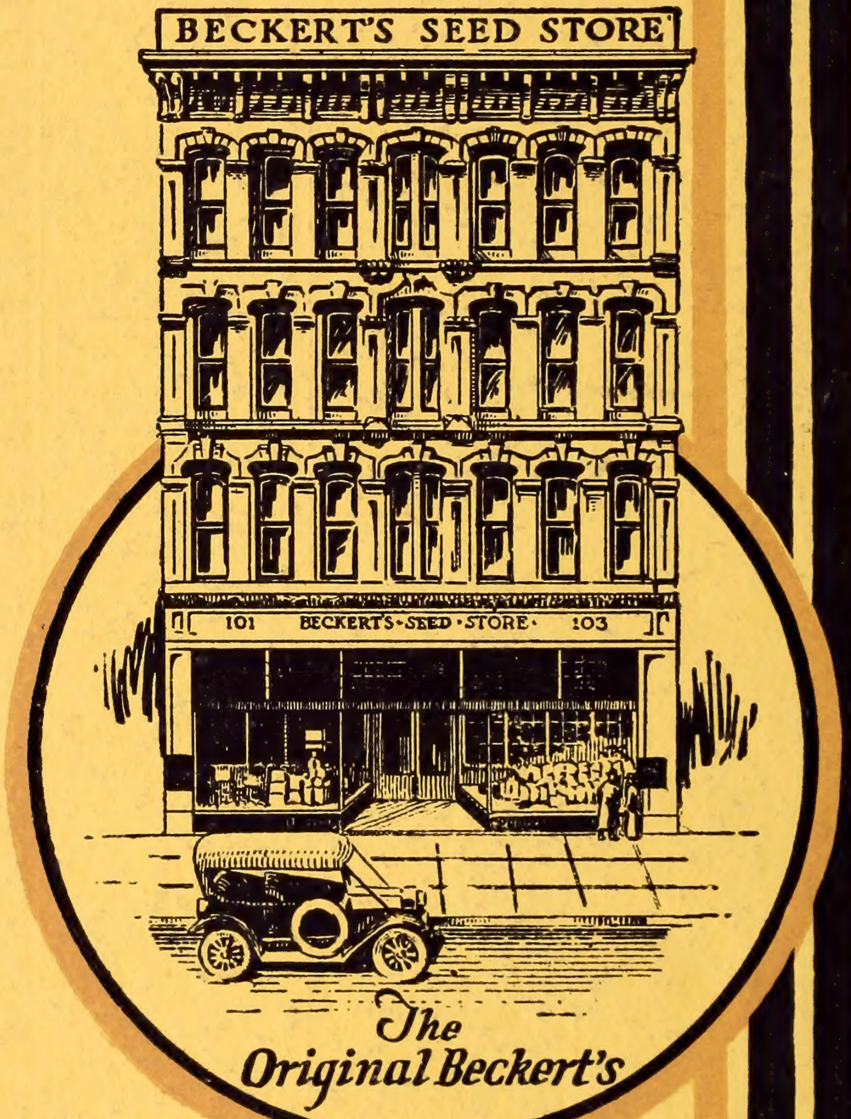
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